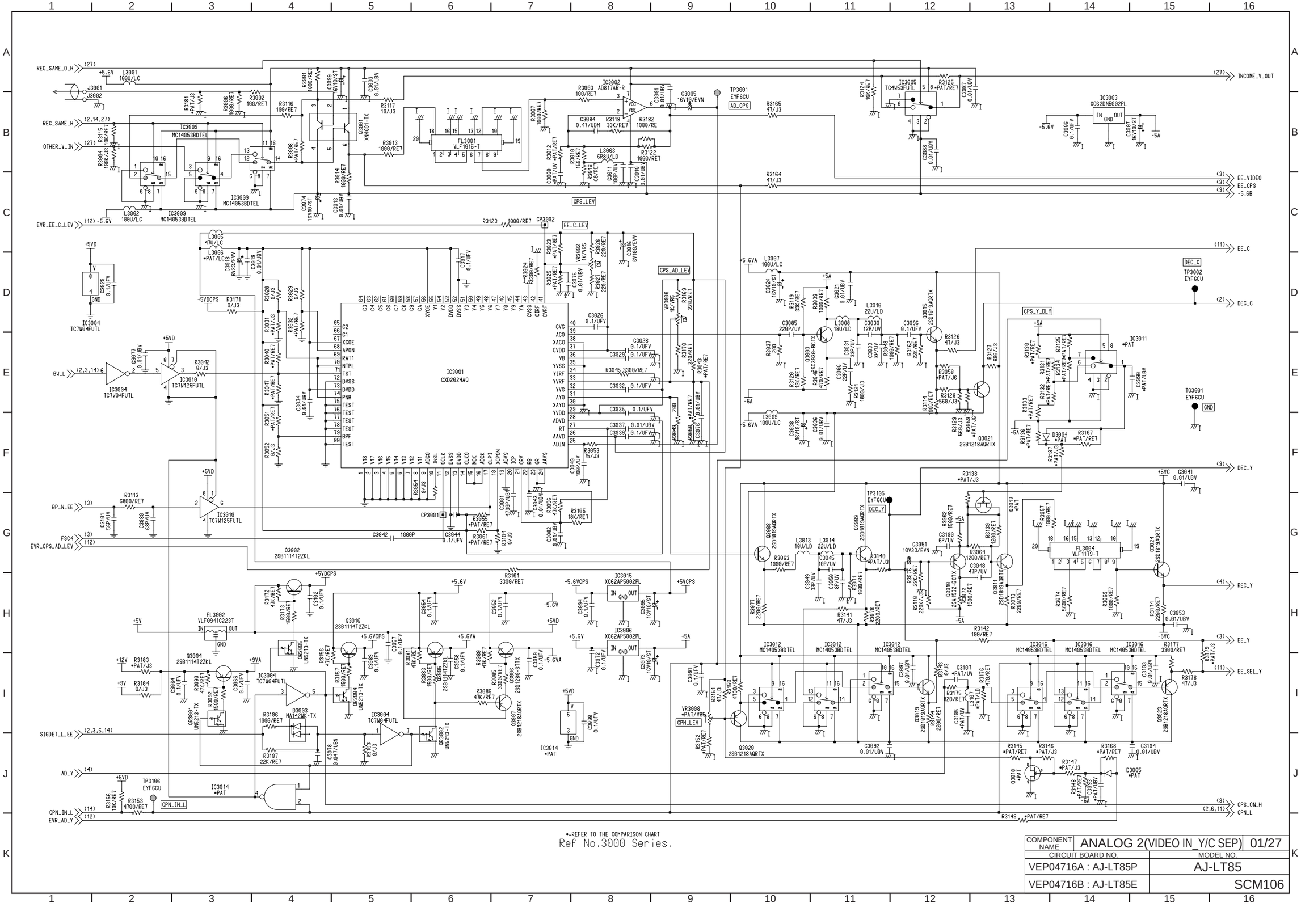
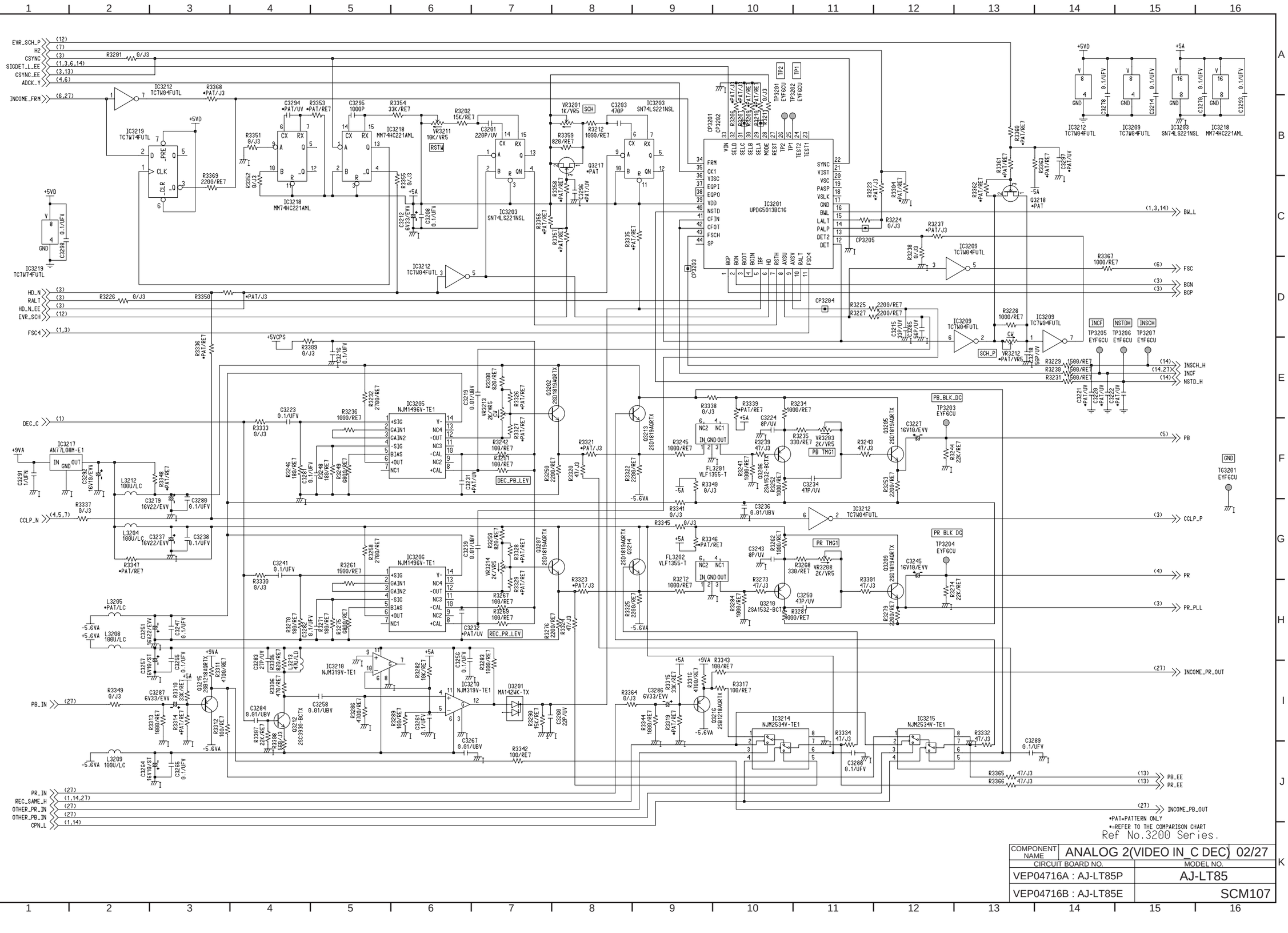


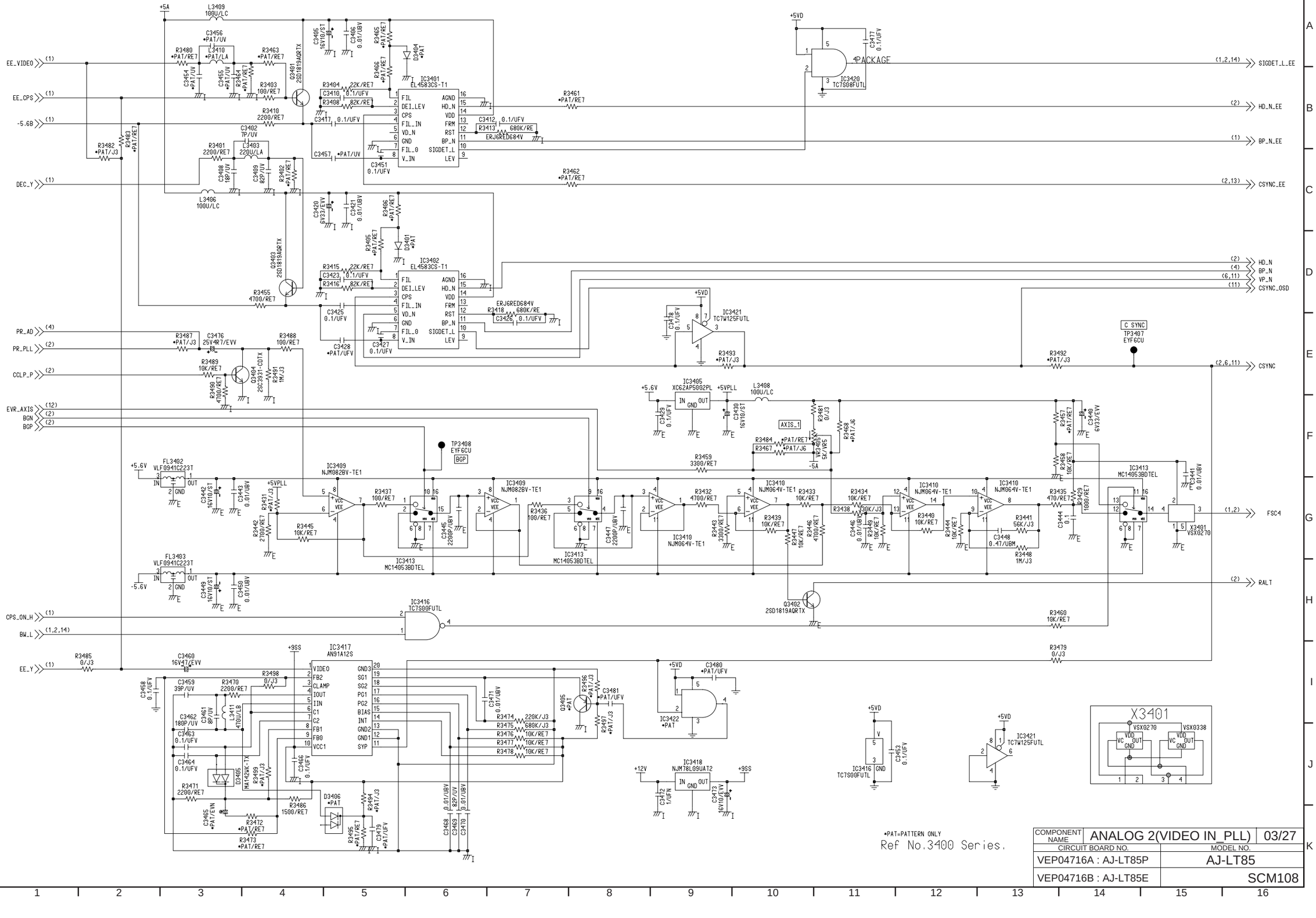
COMPONENT NAME	ANALOG 2(VIDEO IN_Y/C SEP)	01/27
CIRCUIT BOARD NO.	MODEL NO.	
VEP04716A : AJ-LT85P	AJ-LT85	
VEP04716B : AJ-LT85E	SCM106	

KR4H14(1/27)



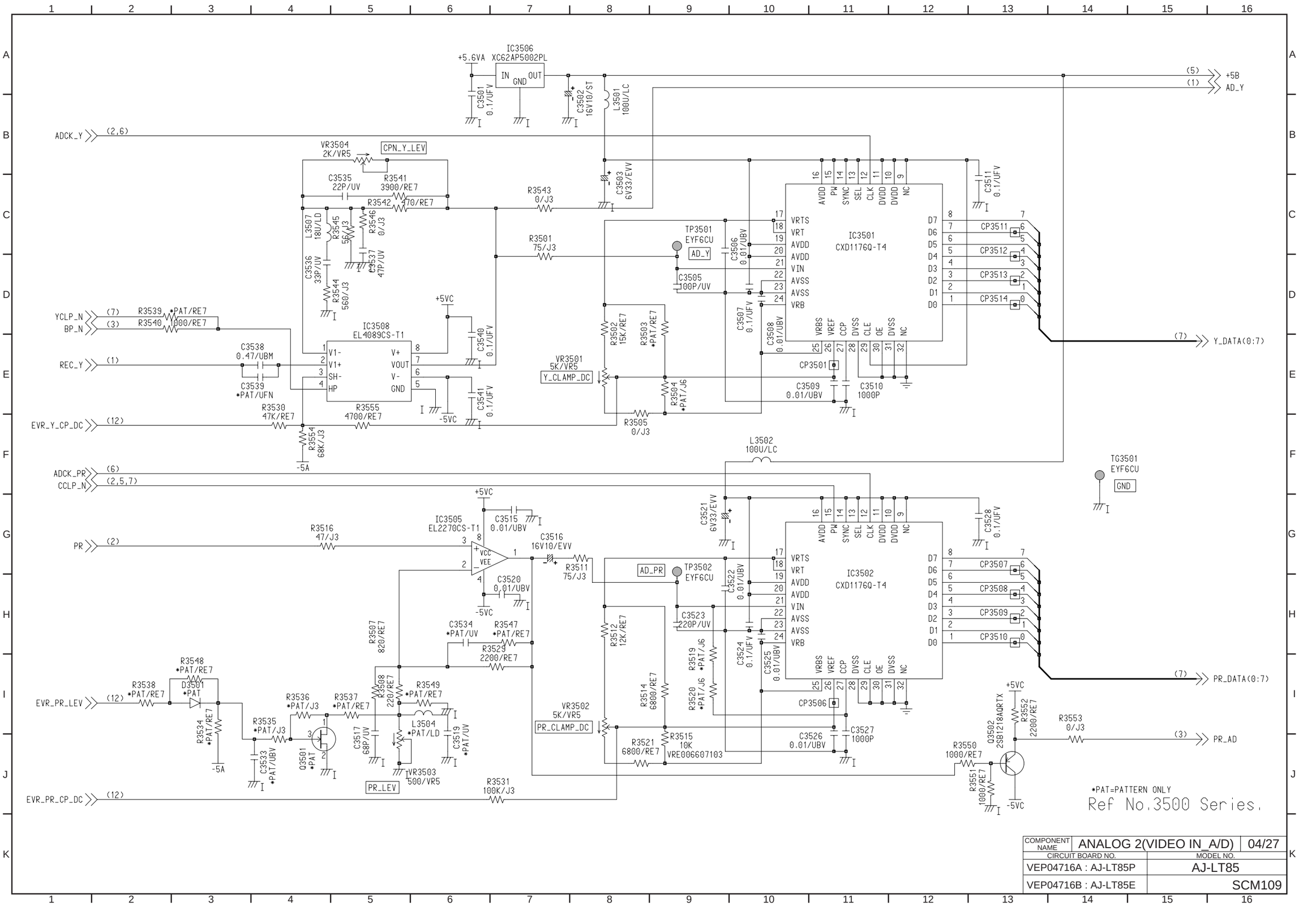
KR4H14(2/27)

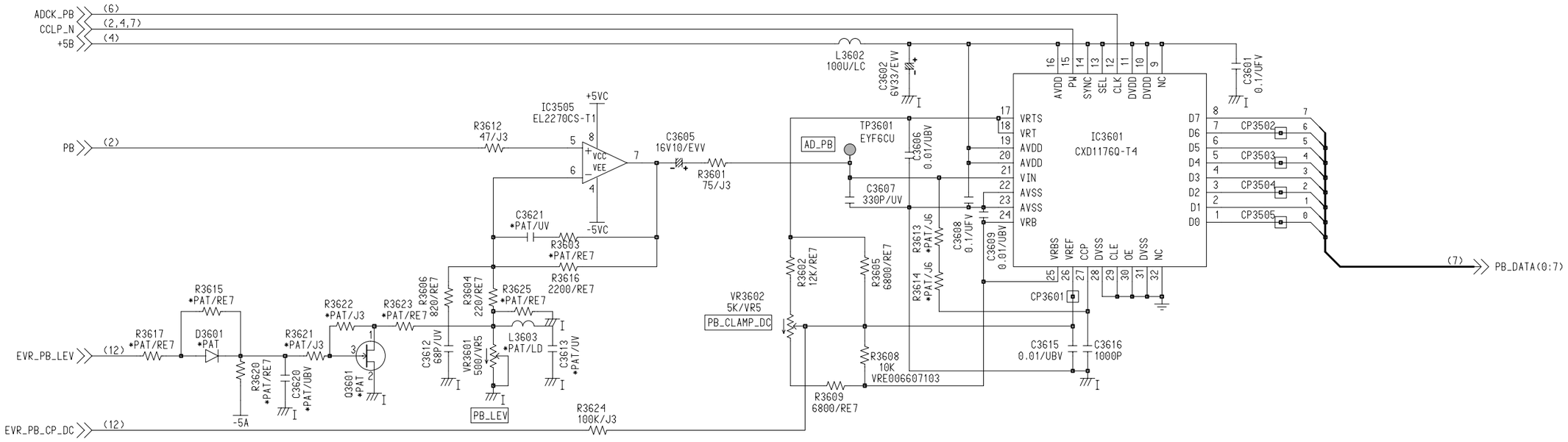
COMPONENT NAME	ANALOG 2(VIDEO IN_C DEC) 02/27
CIRCUIT BOARD NO.	MODEL NO.
VEP04716A : AJ-LT85P	AJ-LT85
VEP04716B : AJ-LT85E	SCM107



COMPONENT NAME	ANALOG 2(VIDEO IN_PLL)	03/27
CIRCUIT BOARD NO.	MODEL NO.	
VEP04716A : AJ-LT85P	AJ-LT85	
VEP04716B : AJ-LT85E	SCM108	

KR4H114(3/27)


IC3506
+5.6VA
XC62AP5002PL
IN
GND
OUT
C3501
0.1/UFV
C3502
16V10/ST
L3501
100U/LC
(5)
(1)
+5B
AD_Y
ADCK_Y
(2,6)
VR3504
2K/VR5
CPN_Y_LEV
C3535
22P/UV
R3541
3900/RE7
R3542
470/RE7
R3543
0/J3
C3503
6V33/EVV
L3507
18U/LD
R3545
56/J3
R3546
0/J3
C3536
33P/UV
C3537
47P/UV
R3544
560/J3
R3501
75/J3
TP3501
EYF6CU
AD_Y
C3506
0.01/UBV
C3505
100P/UV
IC3501
CXD1176Q-T4
VRTS
VRT
AVDD
AVDD
VIN
AVSS
AVSS
VRB
AVDD
PW
SYNC
SEL
CLK
DVDD
DVDD
NC
VRBS
VREF
CCP
DVSS
CLE
OE
DVSS
NC
D7
D6
D5
D4
D3
D2
D1
D0
C3511
0.1/UFV
CP3511
CP3512
CP3513
CP3514
(7)
Y_DATA(0:7)
YCLP_N
BP_N
(7)
(3)
R3539
*PAT/RE7
R3540
1000/RE7
IC3508
EL4089CS-T1
V1-
V1+
SH-
HP
V+
VOUT
V-
GND
+5VC
C3540
0.1/UFV
C3538
0.47/UBM
REC_Y
(1)
C3539
*PAT/UFN
C3541
0.1/UFV
-5VC
R3555
4700/RE7
R3530
47K/RE7
EVR_Y_CP_DC
(12)
R3554
68K/J3
-5A
VR3501
5K/VR5
Y_CLAMP_DC
R3502
15K/RE7
R3503
*PAT/RE7
R3504
*PAT/J6
R3505
0/J3
C3507
0.1/UFV
C3508
0.01/UBV
CP3501
C3509
0.01/UBV
C3510
1000P
L3502
100U/LC
TG3501
EYF6CU
GND
ADCK_PR
CCLP_N
(6)
(2,5,7)
PR
(2)
R3516
47/J3
IC3505
EL2270CS-T1
VCC
VEE
+5VC
C3515
0.01/UBV
C3516
16V10/EVV
C3520
0.01/UBV
-5VC
R3511
75/J3
C3521
6V33/EVV
AD_PR
TP3502
EYF6CU
C3522
0.01/UBV
C3523
220P/UV
C3524
0.1/UFV
C3525
0.01/UBV
IC3502
CXD1176Q-T4
C3528
0.1/UFV
CP3507
CP3508
CP3509
CP3510
CP3506
(7)
PR_DATA(0:7)
R3507
820/RE7
R3508
220/RE7
C3534
*PAT/UV
R3547
*PAT/RE7
R3529
2200/RE7
R3548
*PAT/RE7
D3501
*PAT
R3538
*PAT/RE7
EVR_PR_LEV
(12)
R3534
*PAT/RE7
-5A
R3535
*PAT/J3
C3533
*PAT/UBV
R3536
*PAT/J3
R3537
*PAT/RE7
Q3501
*PAT
C3517
68P/UV
R3549
*PAT/RE7
L3504
*PAT/LD
C3519
*PAT/UV
VR3503
500/VR5
PR_LEV
VR3502
5K/VR5
PR_CLAMP_DC
R3512
12K/RE7
R3514
6800/RE7
R3519
*PAT/J6
R3520
*PAT/J6
R3521
6800/RE7
R3515
10K
VRE006607103
C3526
0.01/UBV
C3527
1000P
R3531
100K/J3
EVR_PR_CP_DC
(12)
+5VC
Q3502
2SB1218AQRTX
R3552
2200/RE7
R3553
0/J3
(3)
PR_AD
R3550
1000/RE7
R3551
1000/RE7
-5VC
*PAT=PATTERN ONLY
Ref No.3500 Series.
KR4H14(4/27)
COMPONENT NAME
ANALOG 2(VIDEO IN_A/D)
04/27
CIRCUIT BOARD NO.
MODEL NO.
VEP04716A : AJ-LT85P
AJ-LT85
VEP04716B : AJ-LT85E
SCM109

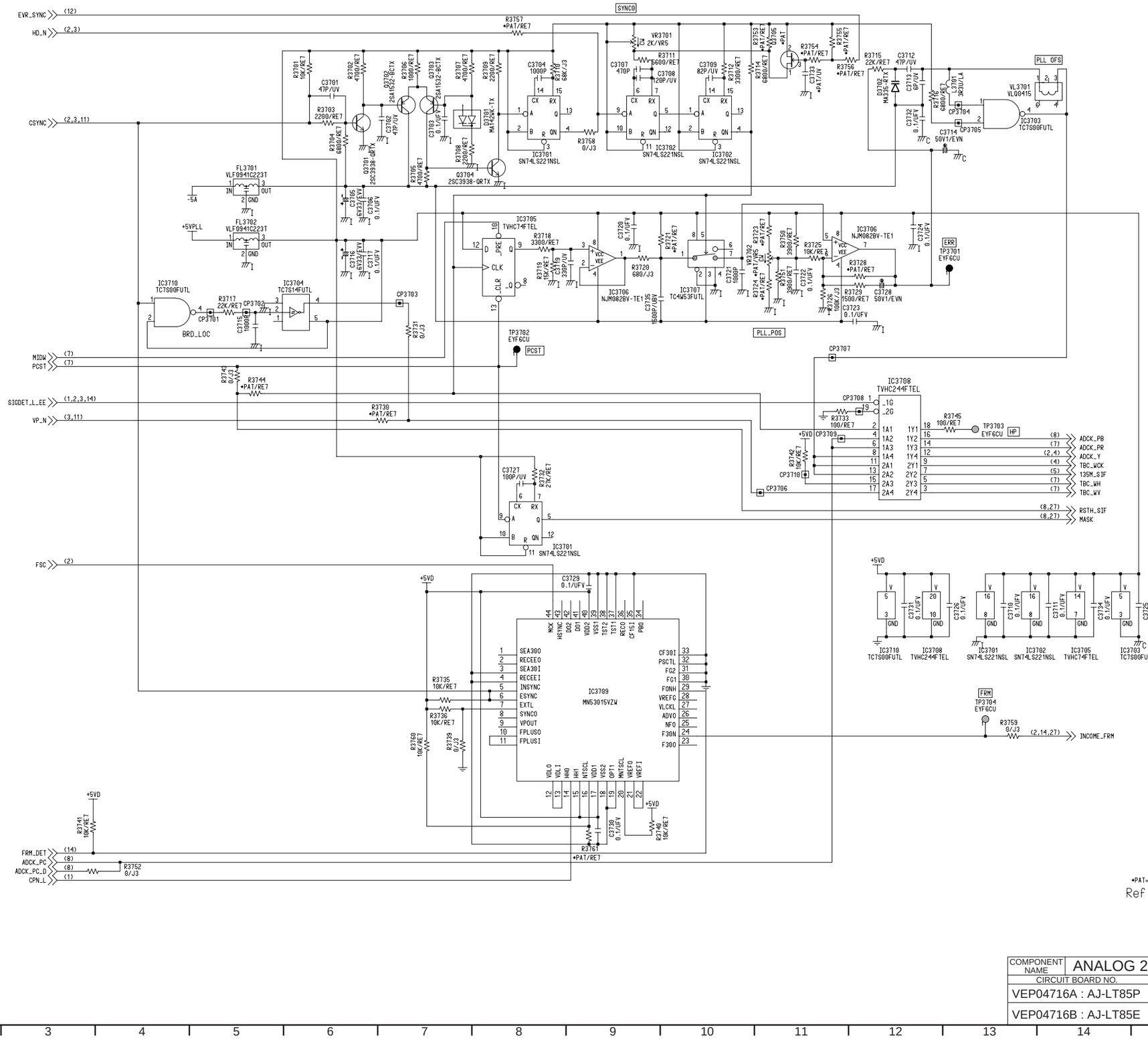


*PAT=PATTERN ONLY

Ref No.3600 Series.

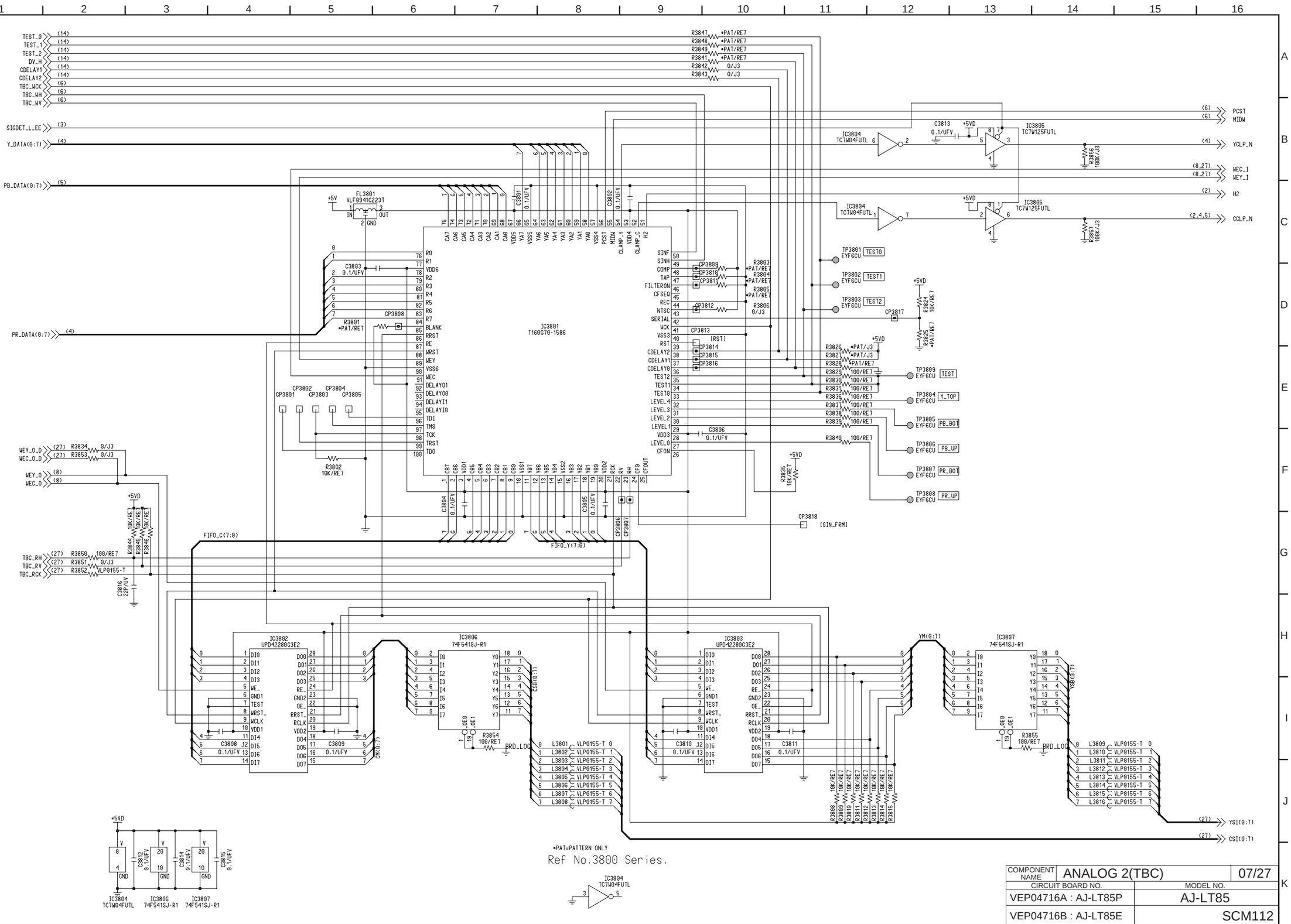
COMPONENT NAME	ANALOG 2(VIDEO IN_A/D)	05/27
CIRCUIT BOARD NO.	MODEL NO.	
VEP04716A : AJ-LT85P	AJ-LT85	
VEP04716B : AJ-LT85E	SCM110	

KR4H14(5/27)



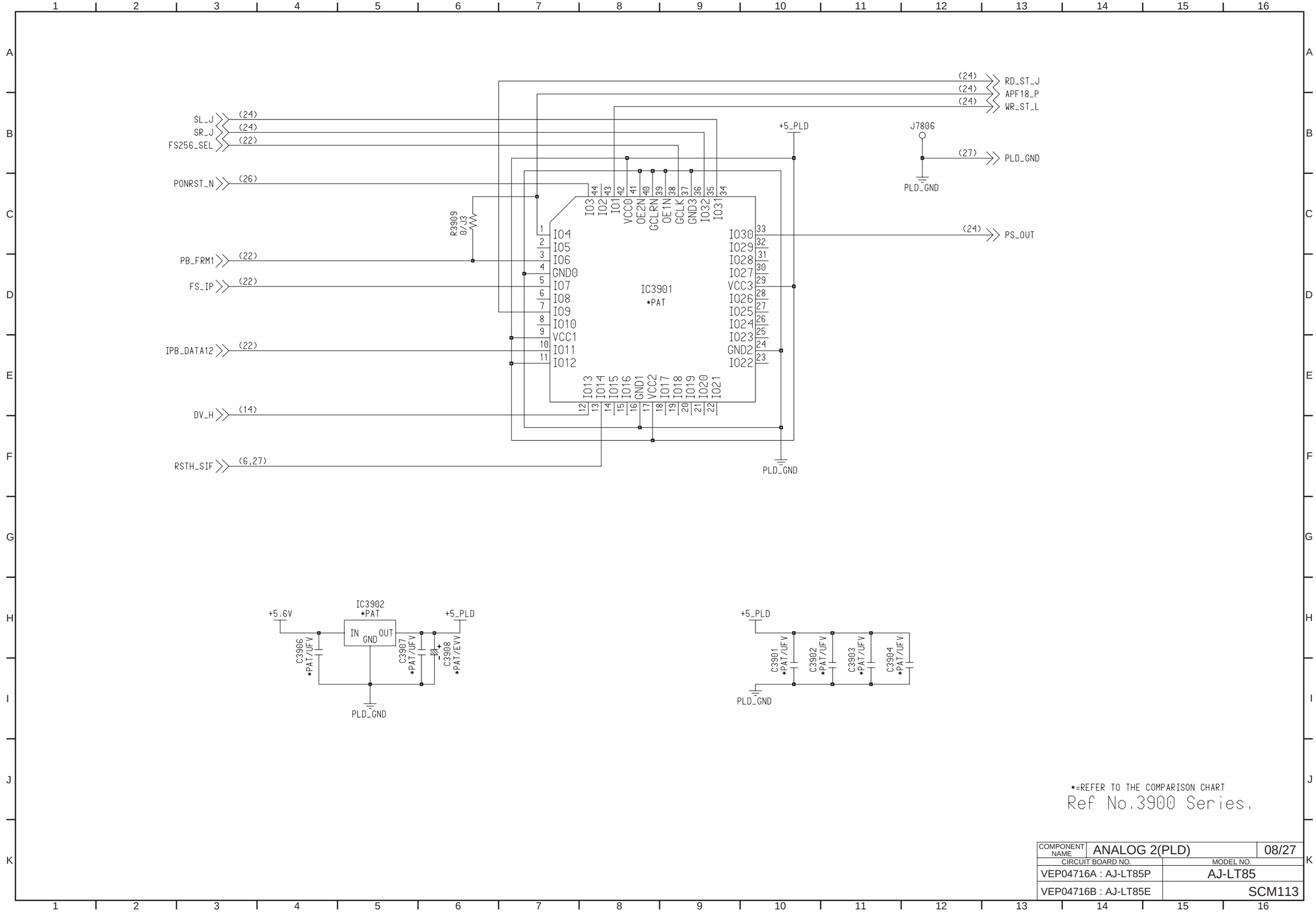
KR4H14(6/27)

COMPONENT NAME	ANALOG 2(135M_PLL)	06/27
CIRCUIT BOARD NO.	MODEL NO.	
VEP04716A : AJ-LT85P	AJ-LT85	
VEP04716B : AJ-LT85E	SCM111	



COMPONENT NAME	ANALOG 2(TBC)	07/27
CIRCUIT BOARD NO.	MODEL NO.	
VEP04716A : AJ-LT85P	AJ-LT85	
VEP04716B : AJ-LT85E	SCM112	

KR4H14(7/27)

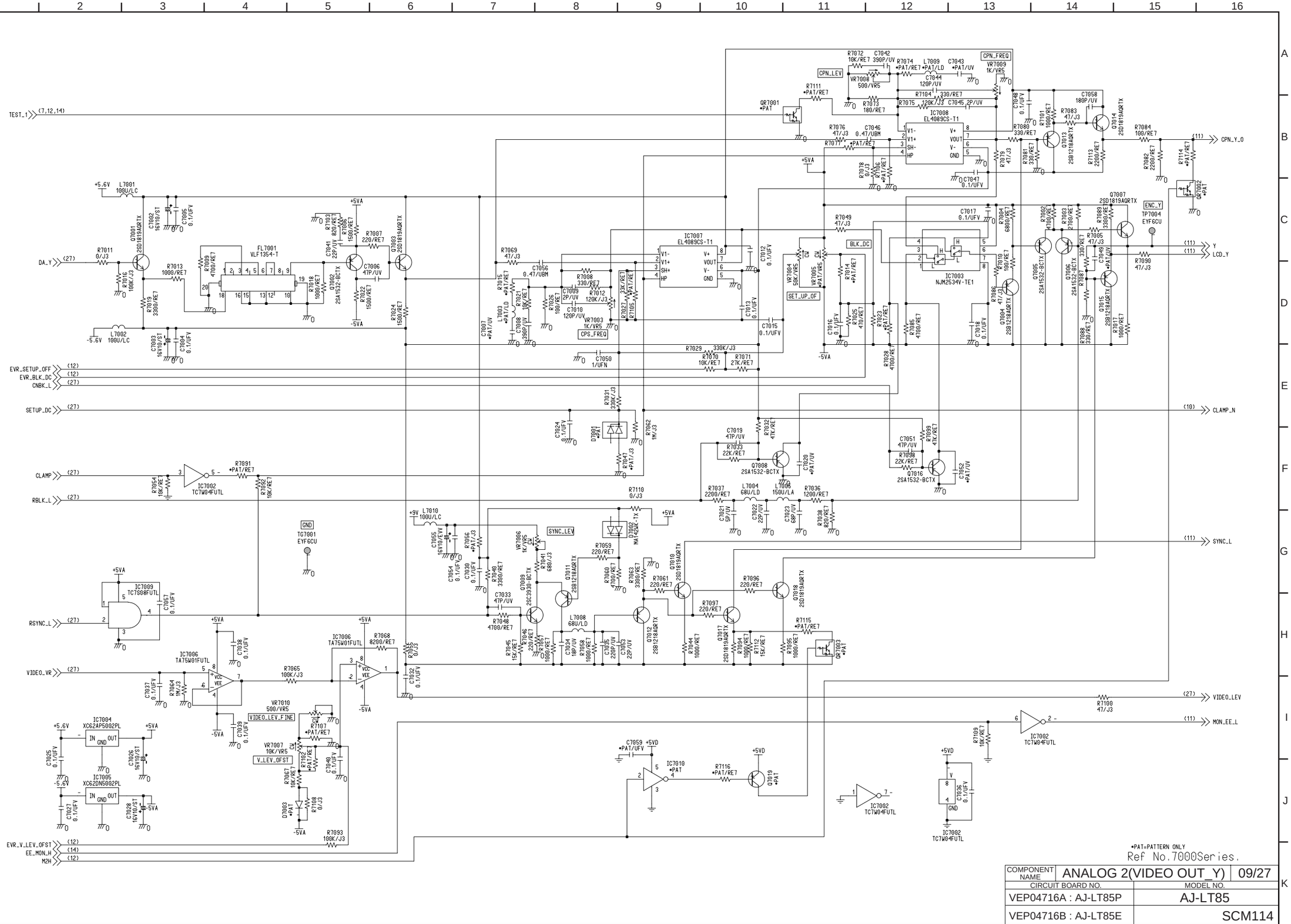


*=REFER TO THE COMPARISON CHART

Ref No.3900 Series.

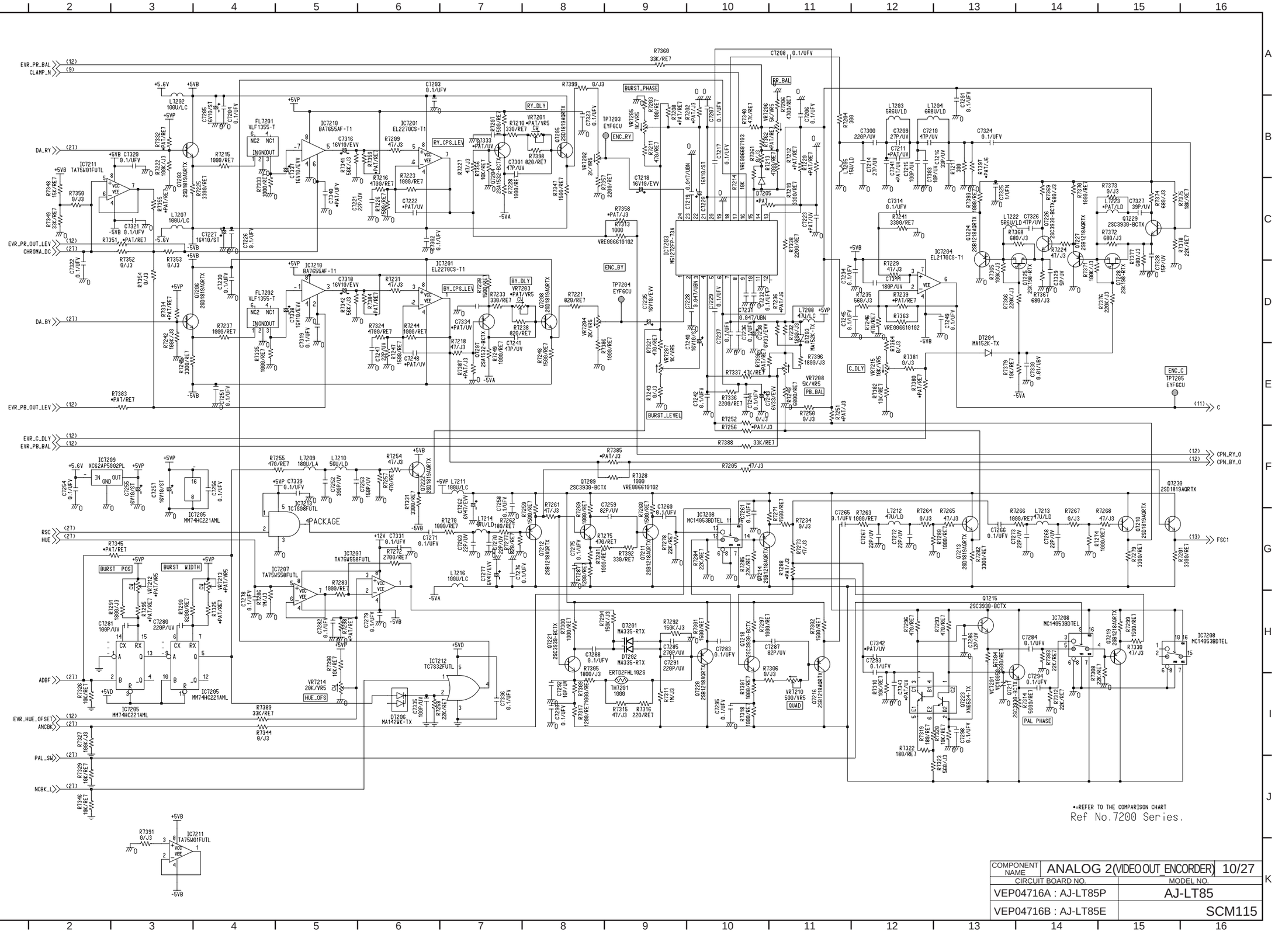
COMPONENT NAME	ANALOG 2(PLD)	08/27
CIRCUIT BOARD NO.	MODEL NO.	
VEP04716A : AJ-LT85P	AJ-LT85	
VEP04716B : AJ-LT85E	SCM113	

KR4H14(8/27)



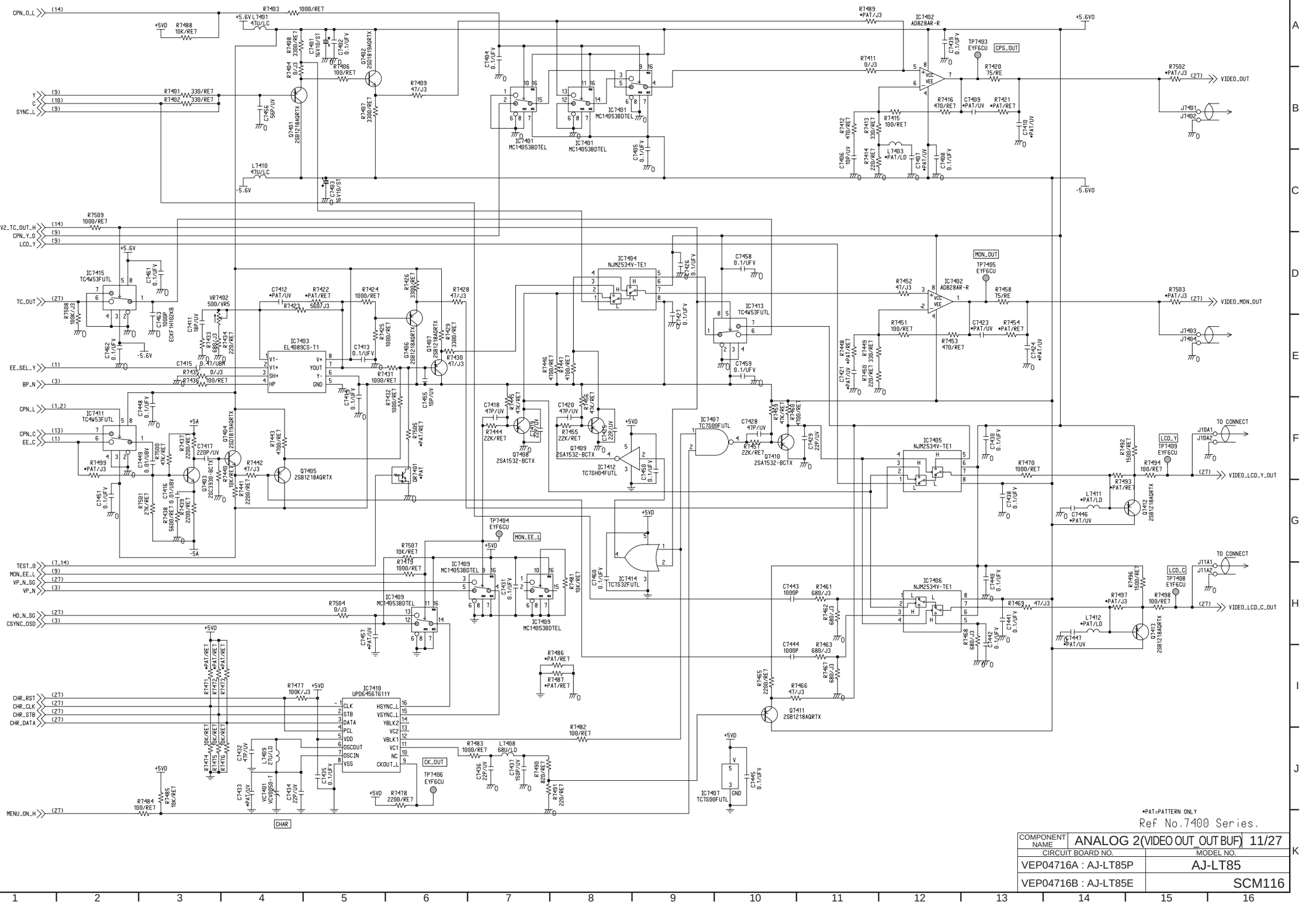
COMPONENT NAME	ANALOG 2(VIDEO OUT_Y)	09/27
CIRCUIT BOARD NO.	MODEL NO.	
VEP04716A : AJ-LT85P	AJ-LT85	
VEP04716B : AJ-LT85E	SCM114	

KR4H14(9/27)



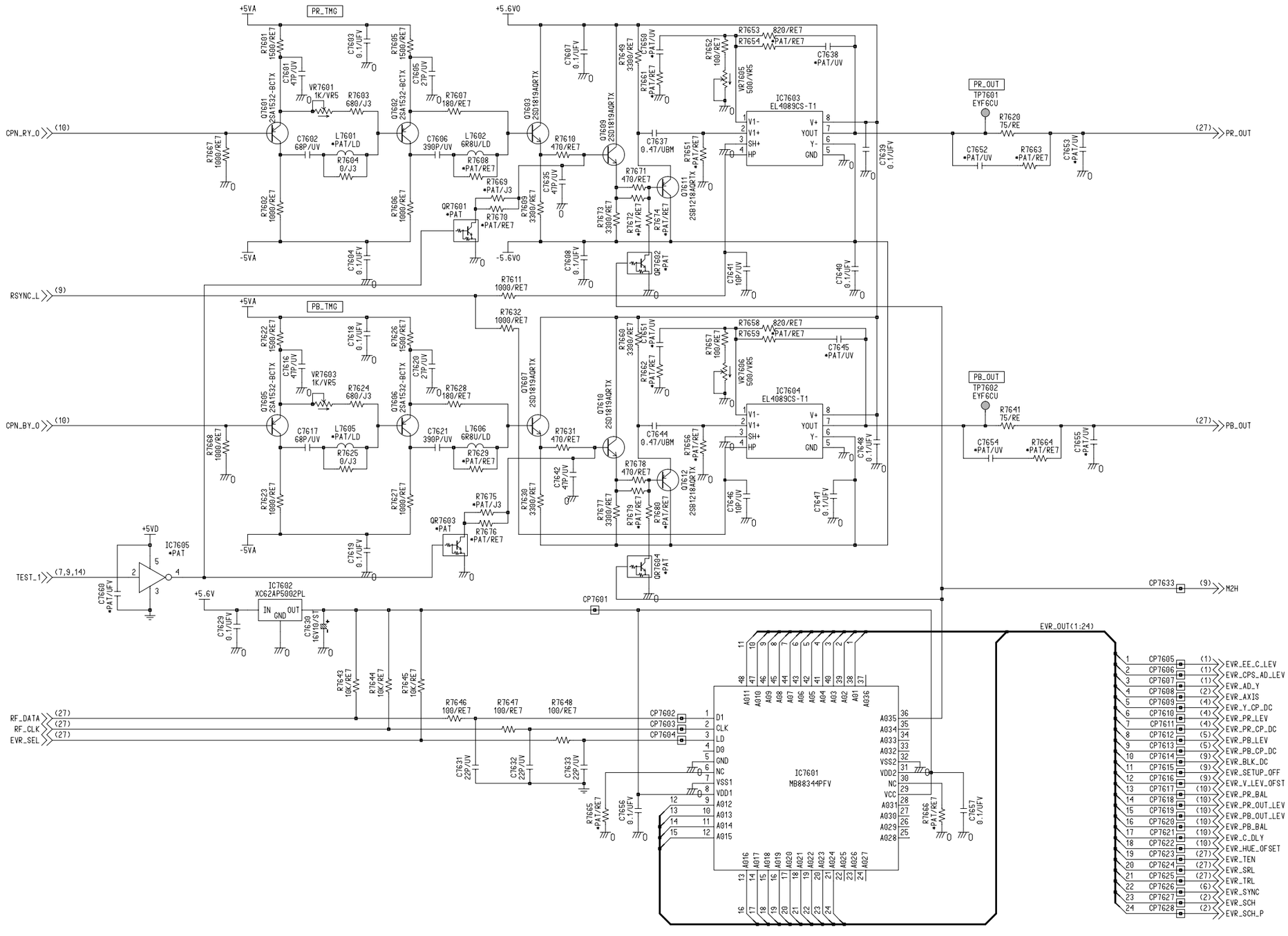
KR4H14(10/27)

COMPONENT NAME	ANALOG 2(VIDEO OUT_ENCORDER) 10/27
CIRCUIT BOARD NO.	MODEL NO.
VEP04716A : AJ-LT85P	AJ-LT85
VEP04716B : AJ-LT85E	SCM115



COMPONENT NAME	ANALOG 2(VIDEO OUT_OUT BUF) 11/27
CIRCUIT BOARD NO.	MODEL NO.
VEP04716A : AJ-LT85P	AJ-LT85
VEP04716B : AJ-LT85E	SCM116

KR4H14(11/27)

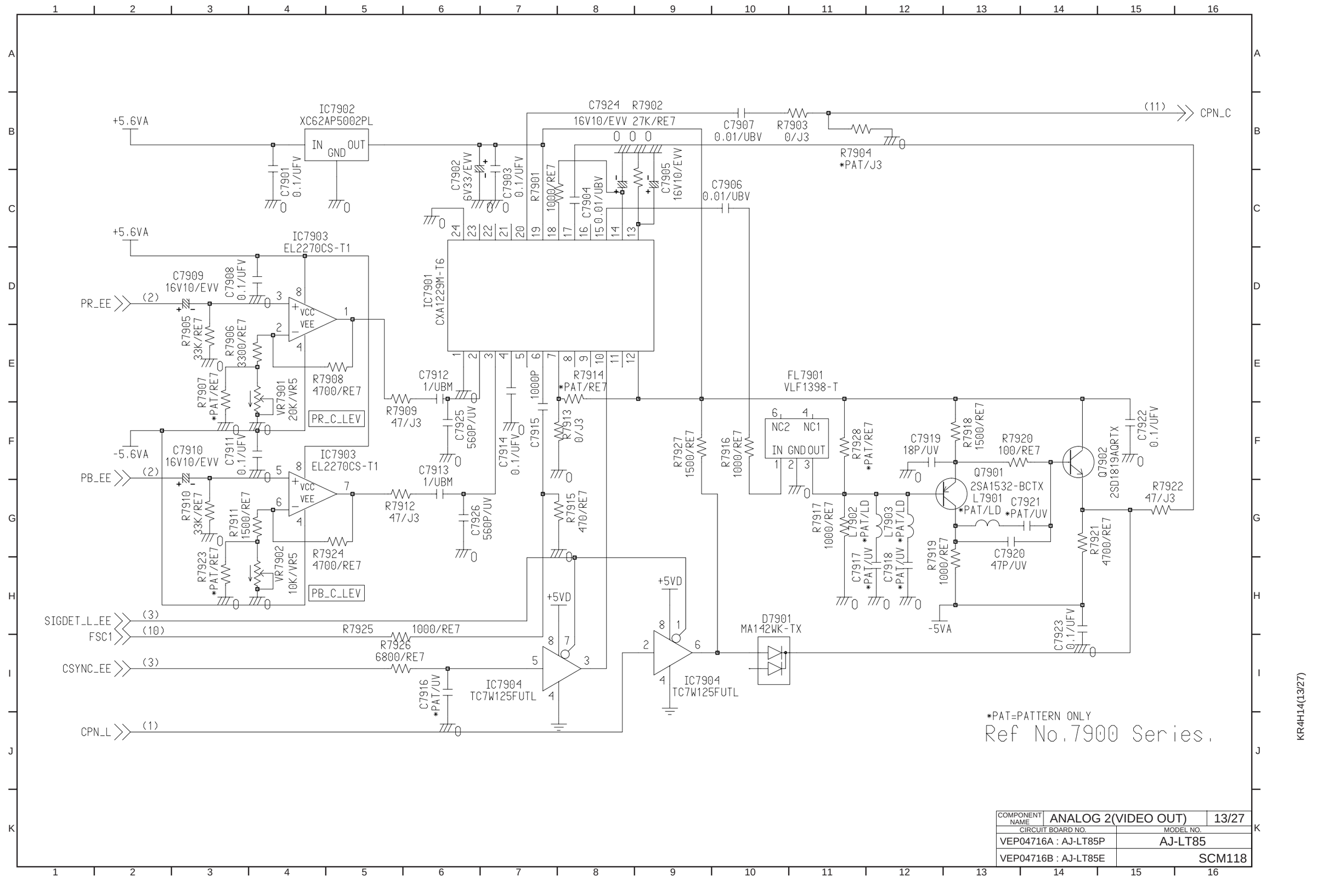


KR4H14(12/27)

*PAT=PATTERN ONLY

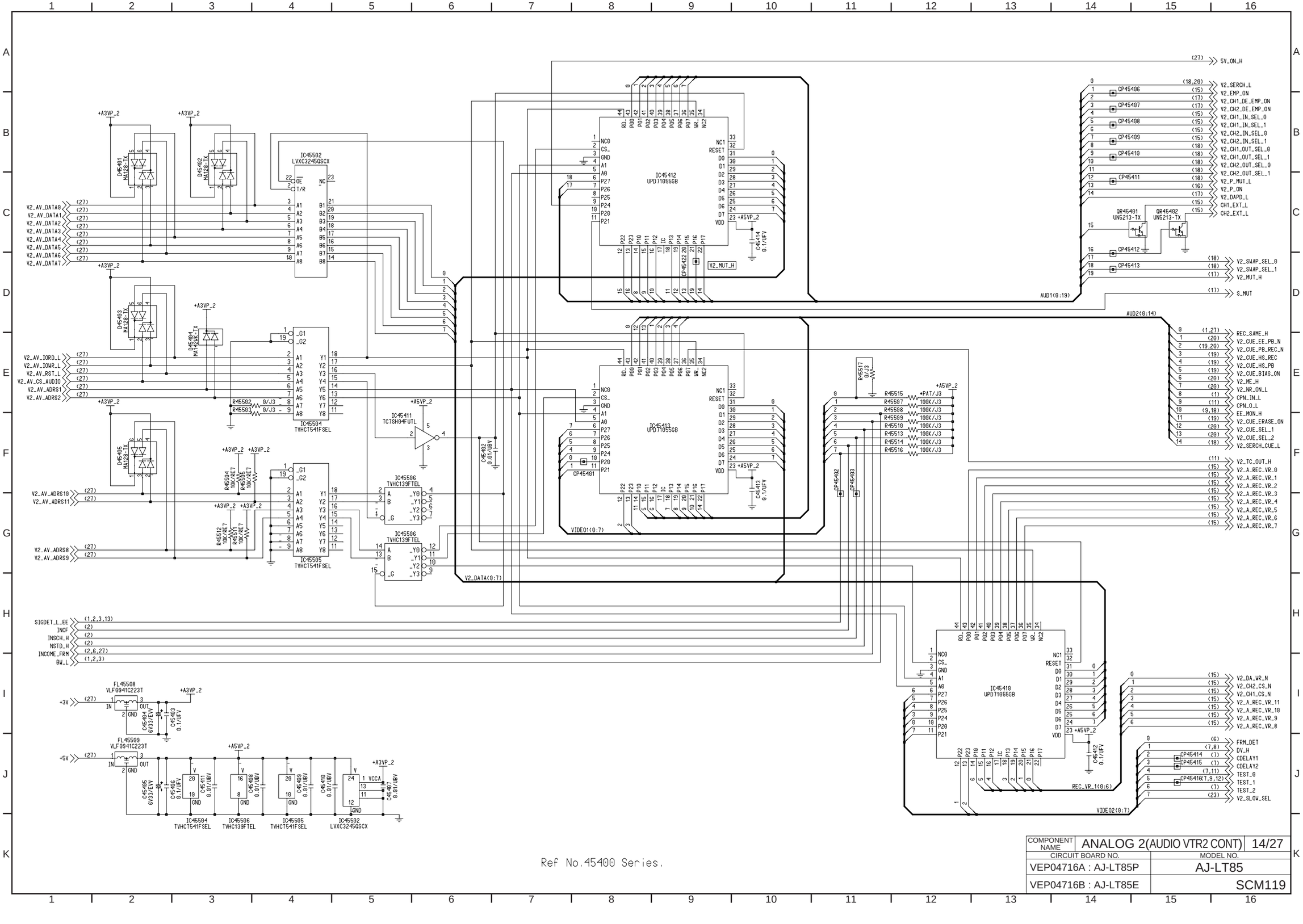
Ref No.7600 Series.

COMPONENT NAME	ANALOG 2(VIDEO OUT)	12/27
CIRCUIT BOARD NO.	MODEL NO.	
VEP04716A : AJ-LT85P	AJ-LT85	
VEP04716B : AJ-LT85E	SCM117	



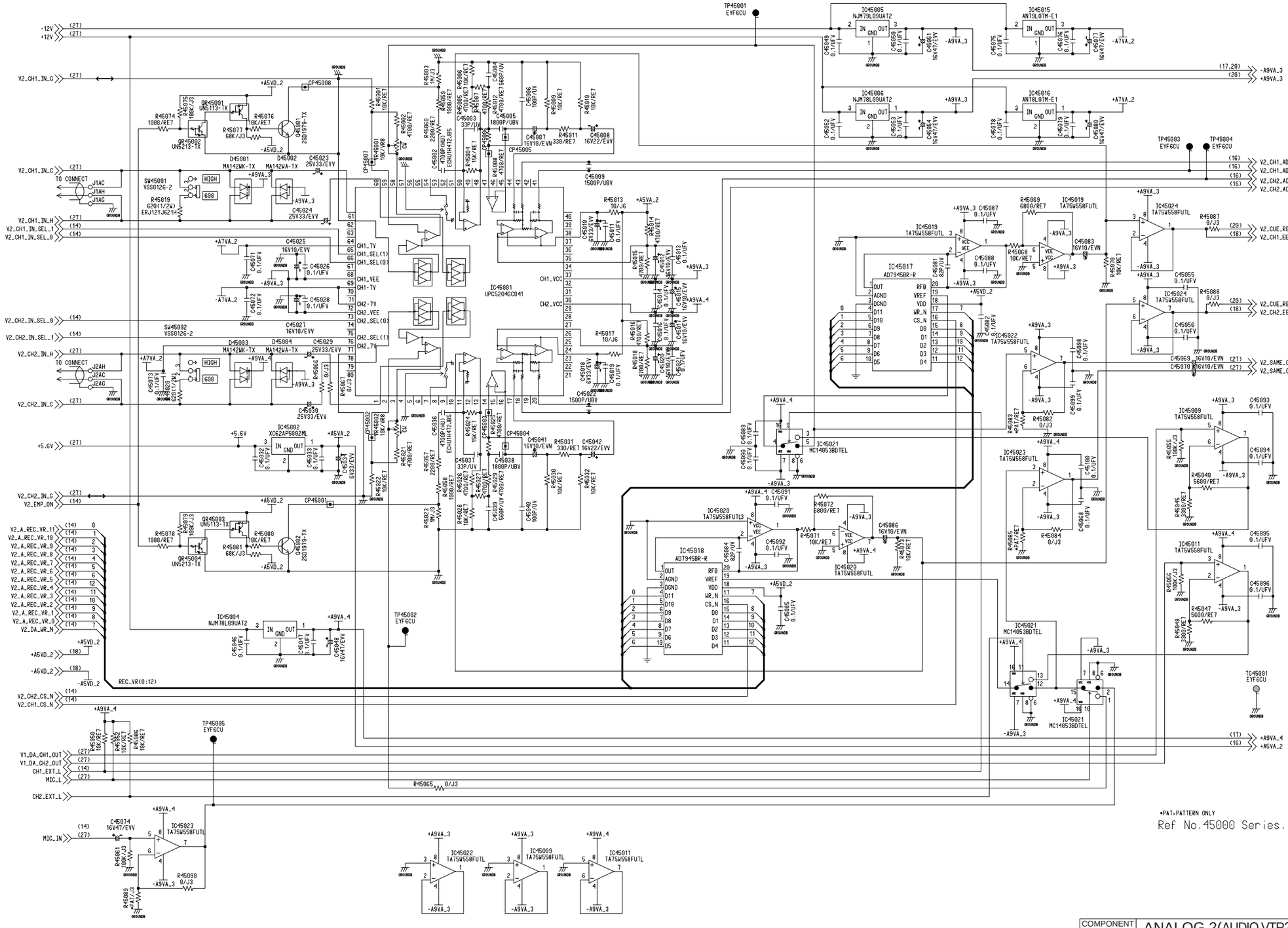
COMPONENT NAME	ANALOG 2(VIDEO OUT)	13/27
CIRCUIT BOARD NO.	MODEL NO.	
VEP04716A : AJ-LT85P	AJ-LT85	
VEP04716B : AJ-LT85E	SCM118	

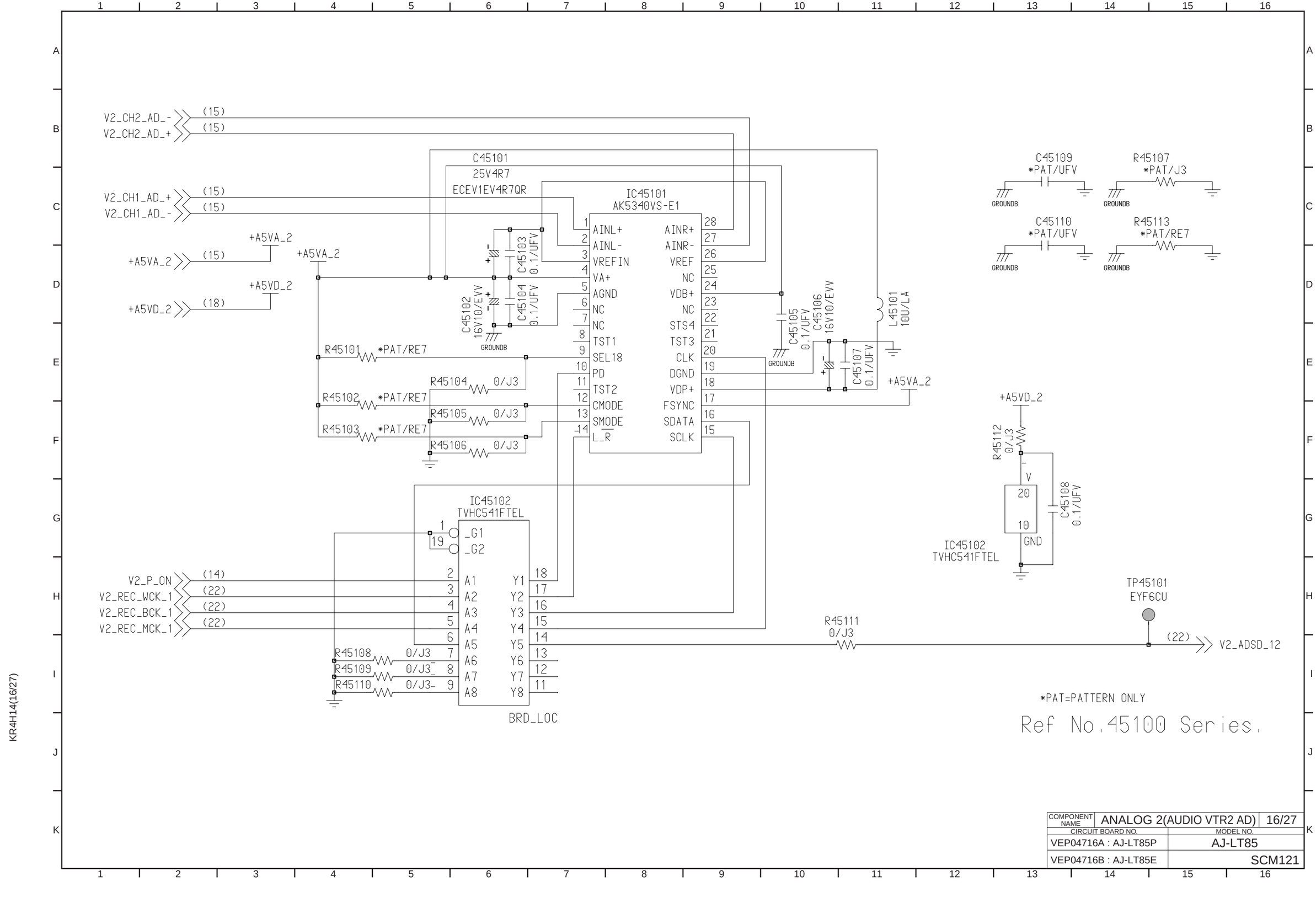
KR4H14(13/27)

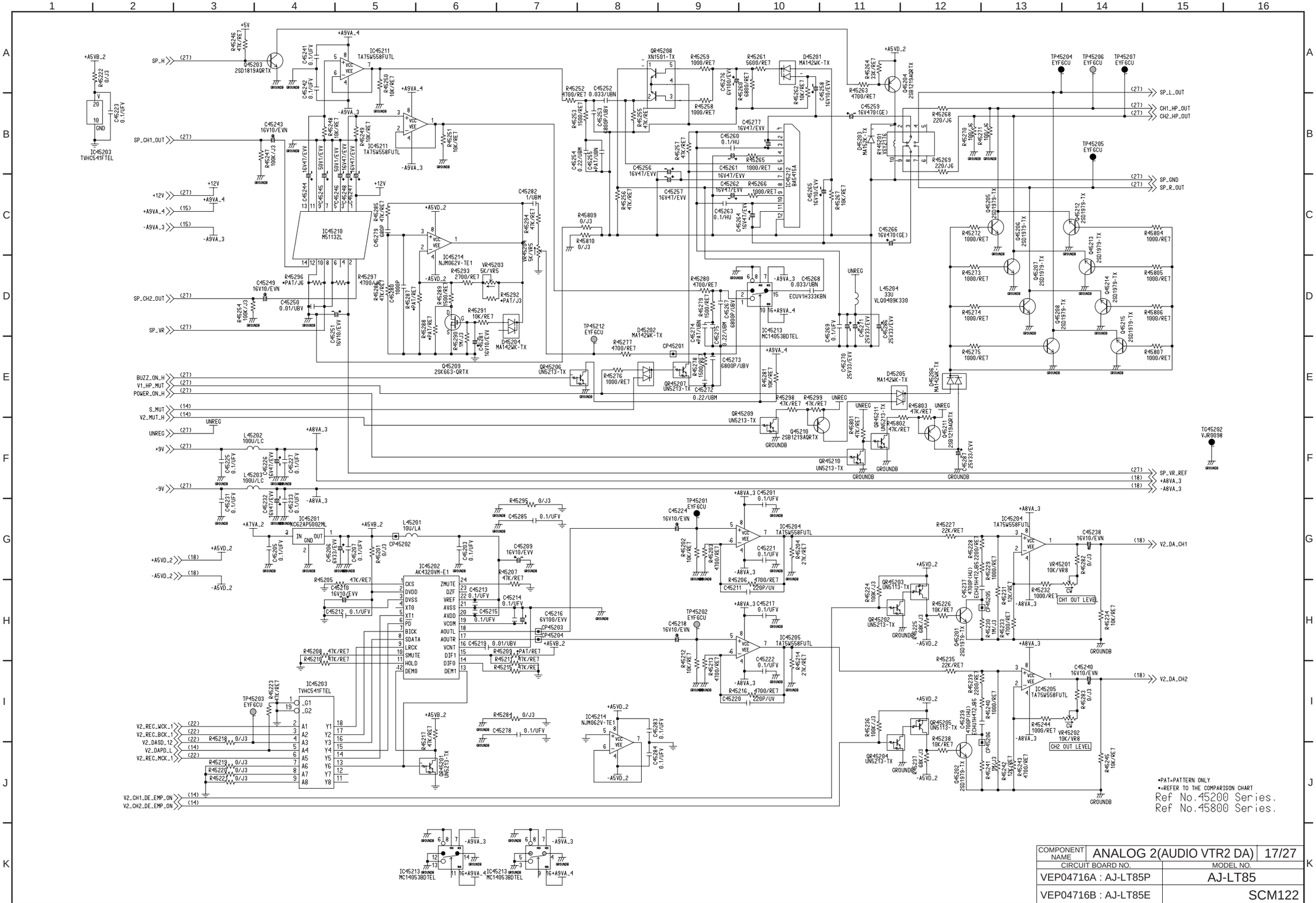


KR4H14(14/27)

COMPONENT NAME	ANALOG 2(AUDIO VTR2 CONT)	14/27
CIRCUIT BOARD NO.	MODEL NO.	
VEP04716A : AJ-LT85P	AJ-LT85	
VEP04716B : AJ-LT85E	SCM119	

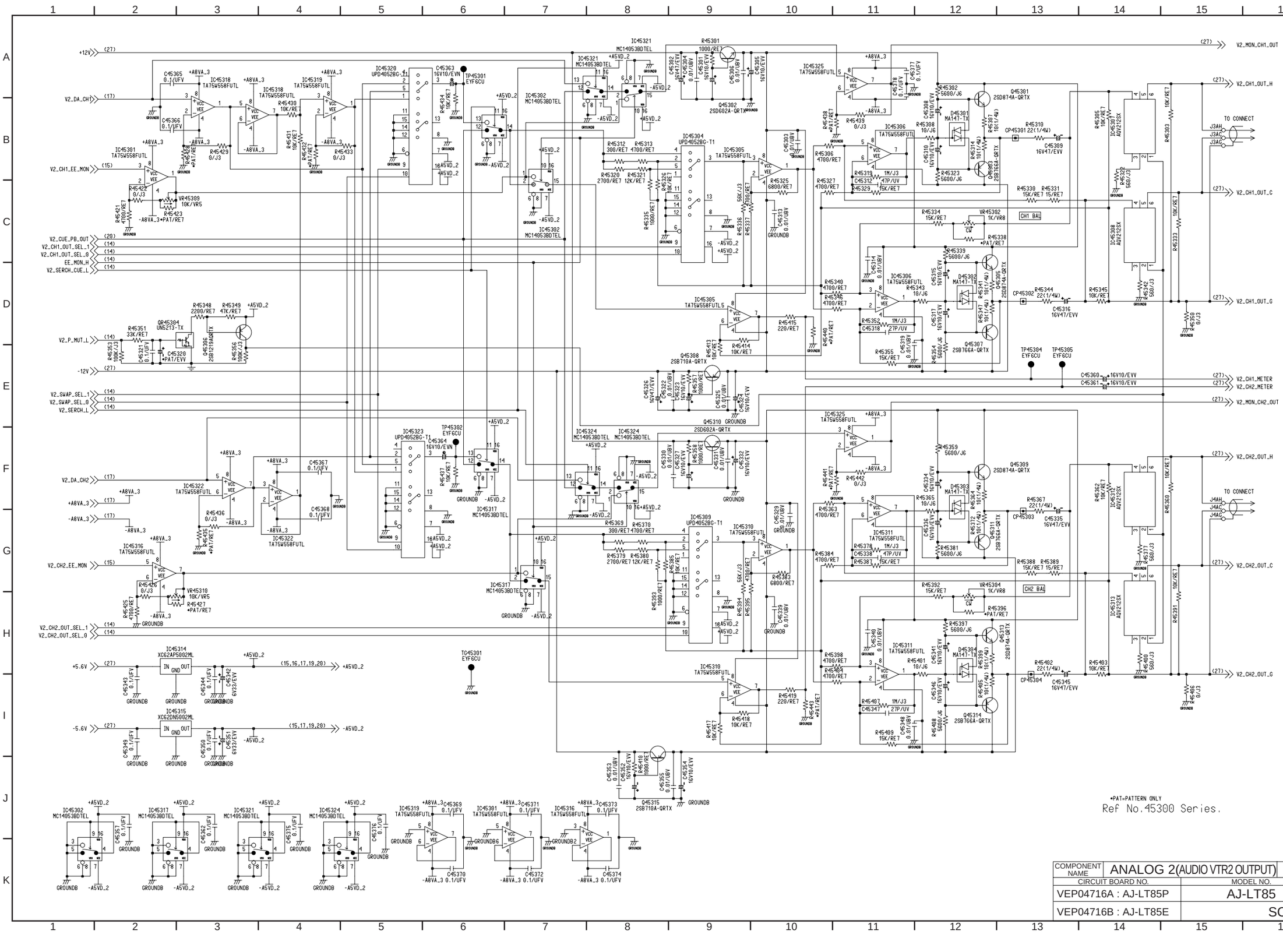

IC45005 NJM79L09UAT2
IC45015 AN79L07M-E1
IC45006 NJM78L09UAT2
IC45016 AN78L07M-E1
IC45019 TA75W558FUTL
IC45017 AD7945BR-R
IC45024 TA75W558FUTL
IC45001 UPC5204GC041
IC45024 TA75W558FUTL
IC45022 TA75W558FUTL
IC45009 TA75W558FUTL
IC45023 TA75W558FUTL
IC45011 TA75W558FUTL
IC45020 TA75W558FUTL3
IC45018 AD7945BR-R
IC45026 TA75W558FUTL
IC45021 MC14053BDTEL
IC45021 MC14053BDTEL
IC45002 XC62AP5002ML
IC45004 NJM78L09UAT2
IC45023 TA75W558FUTL
IC45022 TA75W558FUTL
IC45009 TA75W558FUTL
IC45011 TA75W558FUTL
TP45001 EYF6CU
TP45003 EYF6CU
TP45004 EYF6CU
TP45002 EYF6CU
TP45005 EYF6CU
TC45001 EYF6CU
SW45001 VSS0126-2
SW45002 VSS0126-2
QR45001 UN5113-TX
QR45002 UN5213-TX
QR45003 UN5113-TX
QR45004 UN5213-TX
D45001 MA142WK-TX
D45002 MA142WA-TX
D45003 MA142WK-TX
D45004 MA142WA-TX
TO CONNECT J1AC J1AH J1AG
TO CONNECT J2AH J2AC J2AG
HIGH
600
-12V
+12V
+5.6V
+A7VA_2
-A7VA_2
+A5VD_2
-A5VD_2
+A9VA_3
-A9VA_3
+A9VA_4
-A9VA_4
V2_CH1_IN_C
V2_CH1_IN_H
V2_CH1_IN_SEL_1
V2_CH1_IN_SEL_0
V2_CH2_IN_SEL_0
V2_CH2_IN_SEL_1
V2_CH2_IN_H
V2_CH2_IN_C
V2_CH2_IN_G
V2_EMP_ON
V2_A_REC_VR_11
V2_A_REC_VR_10
V2_A_REC_VR_9
V2_A_REC_VR_8
V2_A_REC_VR_7
V2_A_REC_VR_6
V2_A_REC_VR_5
V2_A_REC_VR_4
V2_A_REC_VR_3
V2_A_REC_VR_2
V2_A_REC_VR_1
V2_A_REC_VR_0
V2_DA_WR_N
REC_VR(0:12)
V2_CH2_CS_N
V2_CH1_CS_N
V1_DA_CH1_OUT
V1_DA_CH2_OUT
CH1_EXT_L
MIC_L
CH2_EXT_L
MIC_IN
CH1_7V
CH1_SEL(1)
CH1_SEL(0)
CH1_VEE
CH1-7V
CH2-7V
CH2_VEE
CH2_SEL(0)
CH2_SEL(1)
CH2-7V
CH1_VCC
CH2_VCC
V2_CH1_AD_-
V2_CH1_AD_+
V2_CH2_AD_+
V2_CH2_AD_-
V2_CUE_REC_CH
V2_CH1_EE_MON
V2_CUE_REC_CH
V2_CH2_EE_MON
V2_SAME_CH1
V2_SAME_CH2
-A9VA_3
+A9VA_3
+A9VA_4
-A9VA_4
+A5VA_2
*PAT=PATTERN ONLY
Ref No.45000 Series.
COMPONENT NAME
ANALOG 2(AUDIO VTR2 INPUT) 15/27
CIRCUIT BOARD NO.
MODEL NO.
VEP04716A : AJ-LT85P
AJ-LT85
VEP04716B : AJ-LT85E
SCM120
KR4H14(15/27)


V2_CH2_AD_-
V2_CH2_AD_+
V2_CH1_AD_+
V2_CH1_AD_-
(15)
+A5VA_2
+A5VD_2
(18)
C45101
25V4R7
ECEV1EV4R7QR
IC45101
AK5340VS-E1
AINL+
AINL-
VREFIN
VA+
AGND
NC
NC
TST1
SEL18
PD
TST2
CMODE
SMODE
L_R
AINR+
AINR-
VREF
NC
VDB+
NC
STS4
TST3
CLK
DGND
VDP+
FSYNC
SDATA
SCLK
C45102 16V10/EVV
C45103 0.1/UFV
C45104 0.1/UFV
C45105 0.1/UFV
C45106 16V10/EVV
C45107 0.1/UFV
L45101 10U/LA
GROUNDB
R45101 *PAT/RE7
R45102 *PAT/RE7
R45103 *PAT/RE7
R45104 0/J3
R45105 0/J3
R45106 0/J3
C45109 *PAT/UFV
R45107 *PAT/J3
C45110 *PAT/UFV
R45113 *PAT/RE7
R45112 0/J3
C45108 0.1/UFV
IC45102
TVHC541FTEL
_G1
_G2
V
20
10
GND
V2_P_ON
V2_REC_WCK_1
V2_REC_BCK_1
V2_REC_MCK_1
(14)
(22)
A1
A2
A3
A4
A5
A6
A7
A8
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
R45108 0/J3
R45109 0/J3
R45110 0/J3
R45111 0/J3
TP45101
EYF6CU
V2_ADSD_12
BRD_LOC
*PAT=PATTERN ONLY
Ref No.45100 Series.
KR4H14(16/27)
COMPONENT NAME
ANALOG 2(AUDIO VTR2 AD)
16/27
CIRCUIT BOARD NO.
MODEL NO.
VEP04716A : AJ-LT85P
AJ-LT85
VEP04716B : AJ-LT85E
SCM121



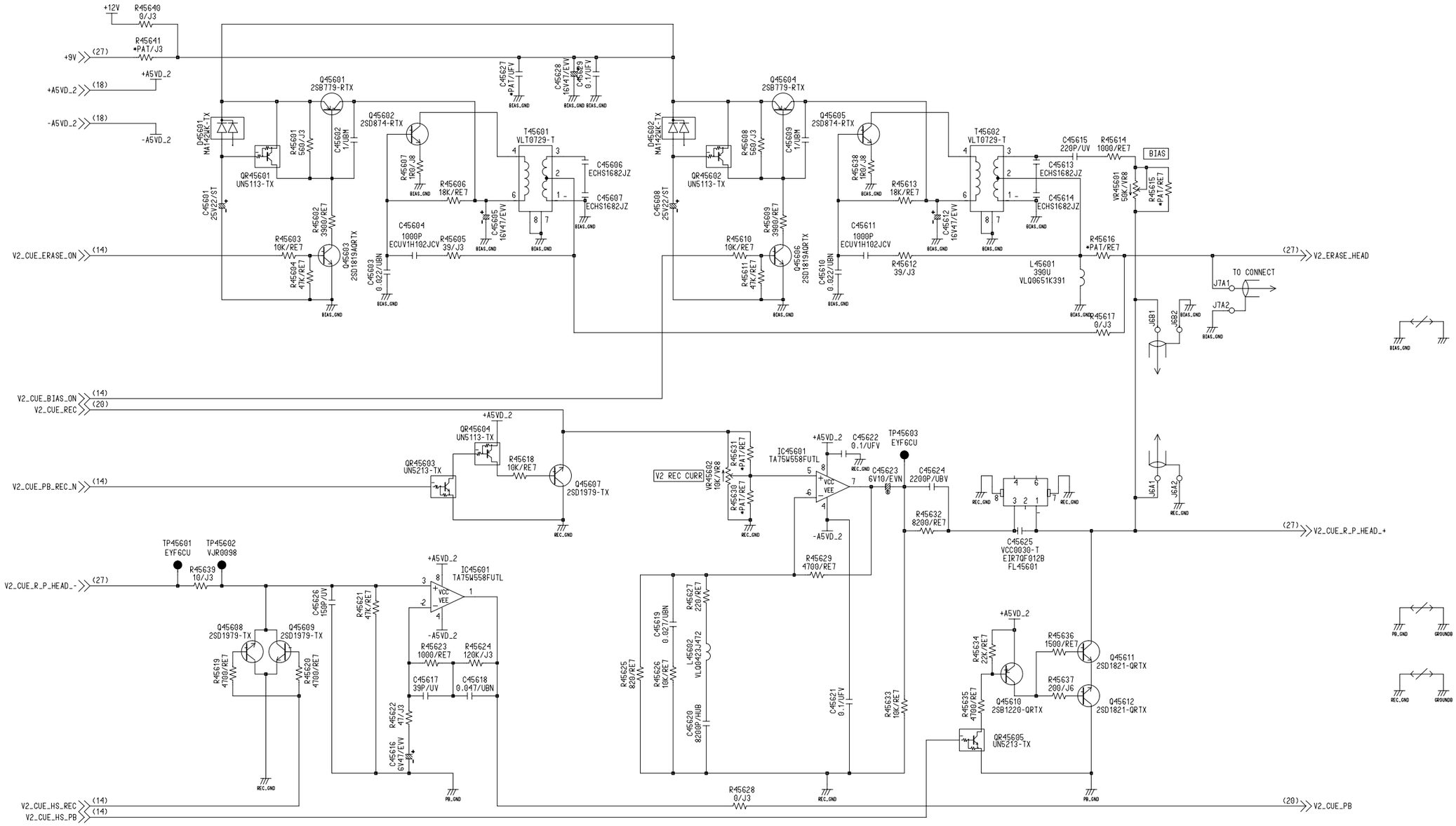
COMPONENT NAME	ANALOG 2(AUDIO VTR2 DA) 17/27
CIRCUIT BOARD NO.	MODEL NO.
VEP04716A : AJ-LT85P	AJ-LT85
VEP04716B : AJ-LT85E	SCM122

KR4H14(17/27)



COMPONENT NAME	ANALOG 2(AUDIO VTR2 OUTPUT)	18/27
CIRCUIT BOARD NO.		MODEL NO.
VEP04716A : AJ-LT85P		AJ-LT85
VEP04716B : AJ-LT85E		SCM123

KR4H14(18/27)

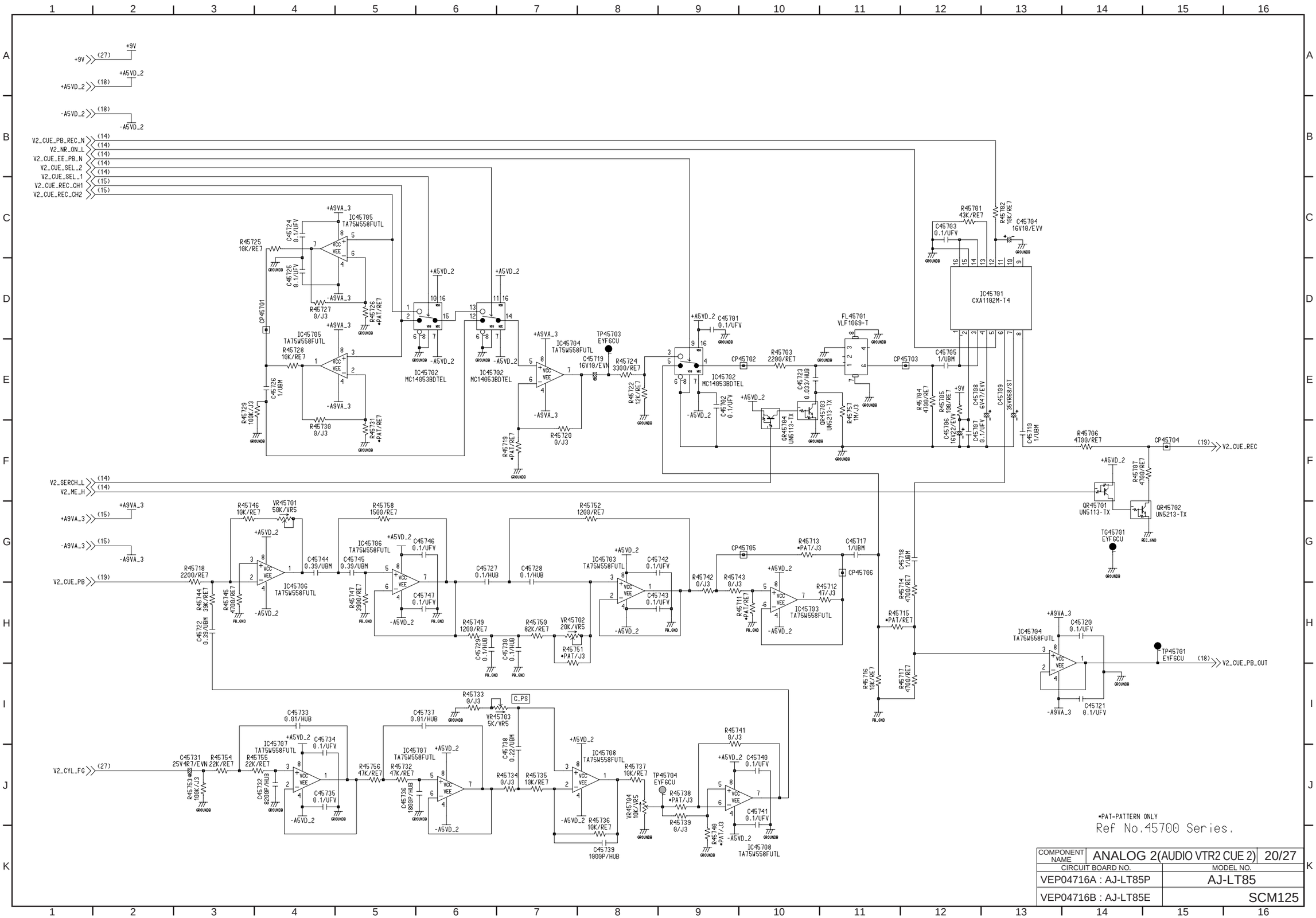


*PAT=PATTERN ONLY

Ref No.45600 Series.

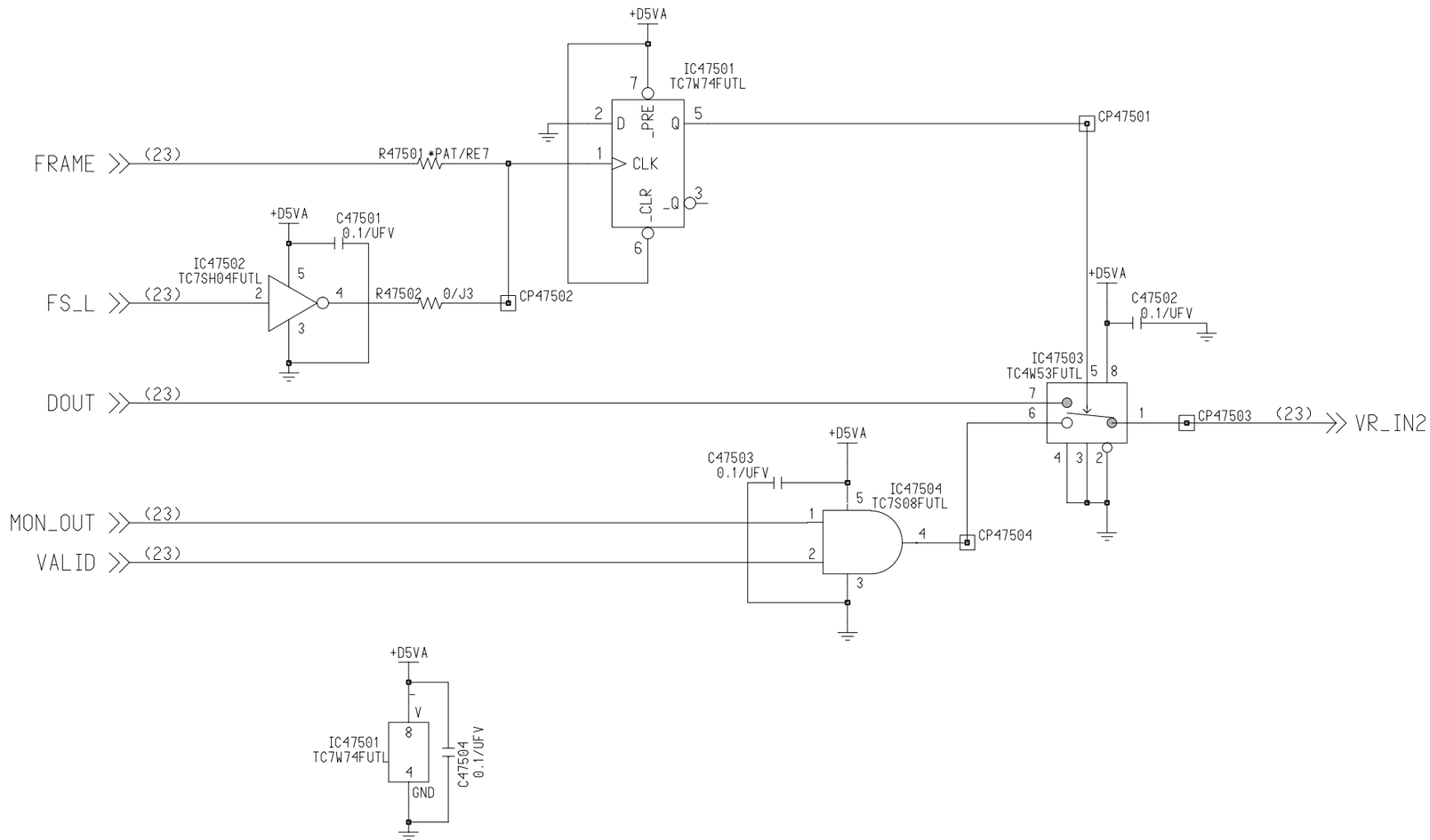
COMPONENT NAME	ANALOG 2(AUDIO VTR2 CUE 1)	19/27
CIRCUIT BOARD NO.		MODEL NO.
VEP04716A : AJ-LT85P		AJ-LT85
VEP04716B : AJ-LT85E		SCM124

KR4H114(19/27)



KR4H14(20/27)

COMPONENT NAME	ANALOG 2(AUDIO VTR2 CUE 2) 20/27
CIRCUIT BOARD NO.	MODEL NO.
VEP04716A : AJ-LT85P	AJ-LT85
VEP04716B : AJ-LT85E	SCM125

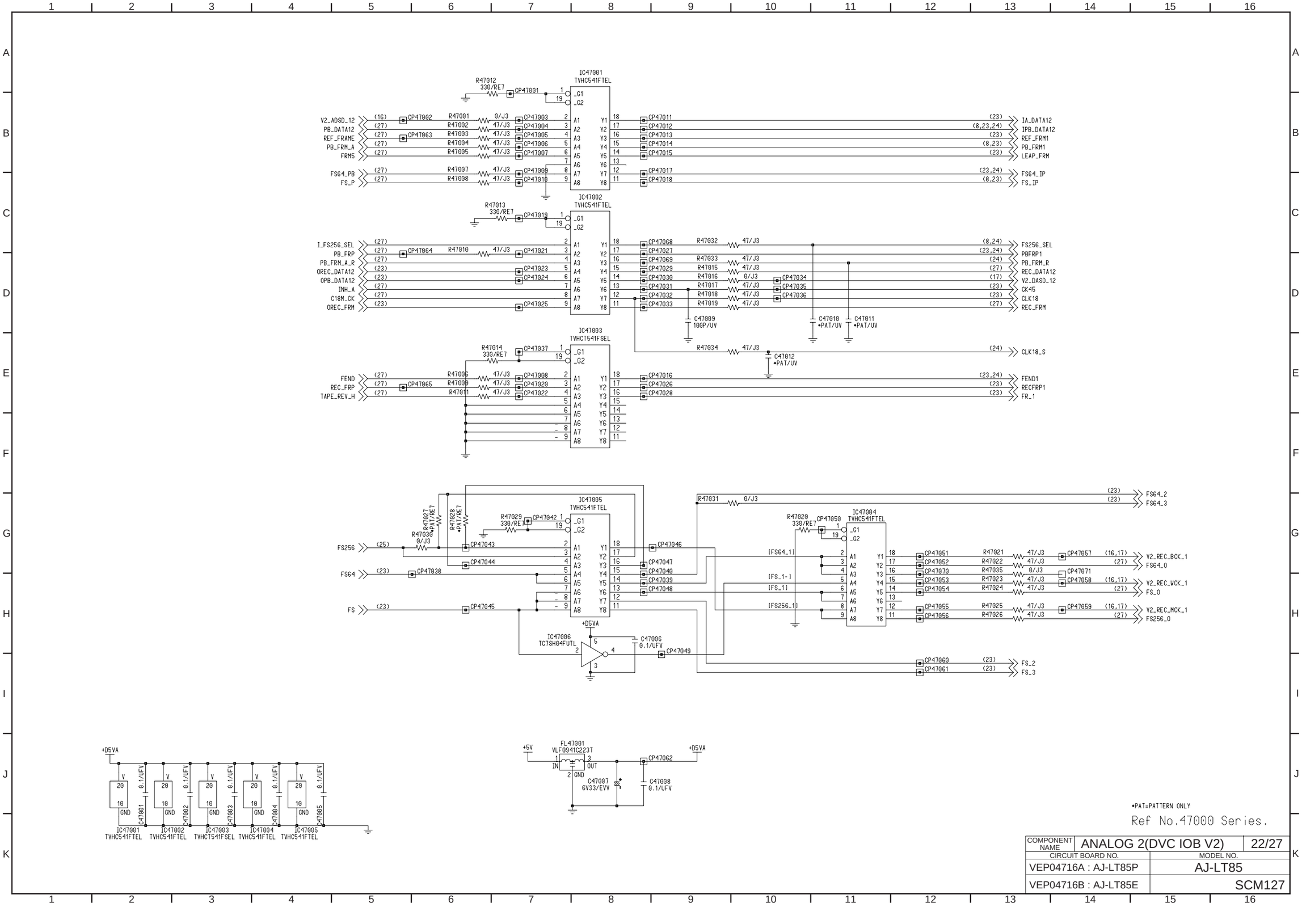


*PAT=PATTERN ONLY

Ref No.47500 Series.

COMPONENT NAME	ANALOG 2(SLOW SELECT V2)	21/27
CIRCUIT BOARD NO.	MODEL NO.	
VEP04716A : AJ-LT85P	AJ-LT85	
VEP04716B : AJ-LT85E	SCM126	

KR4H14(21/27)

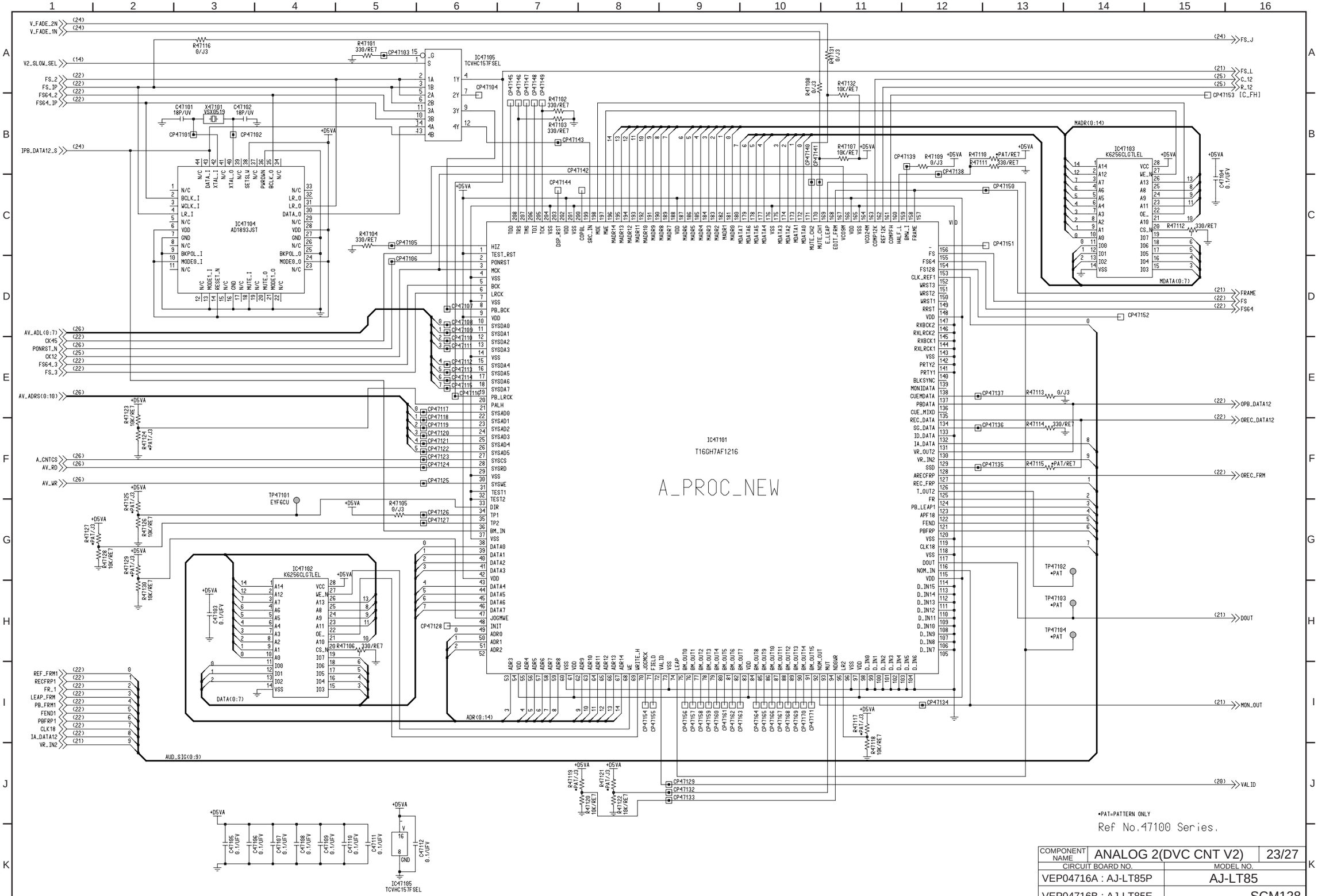


KR4H14(22/27)

•PAT=PATTERN ONLY

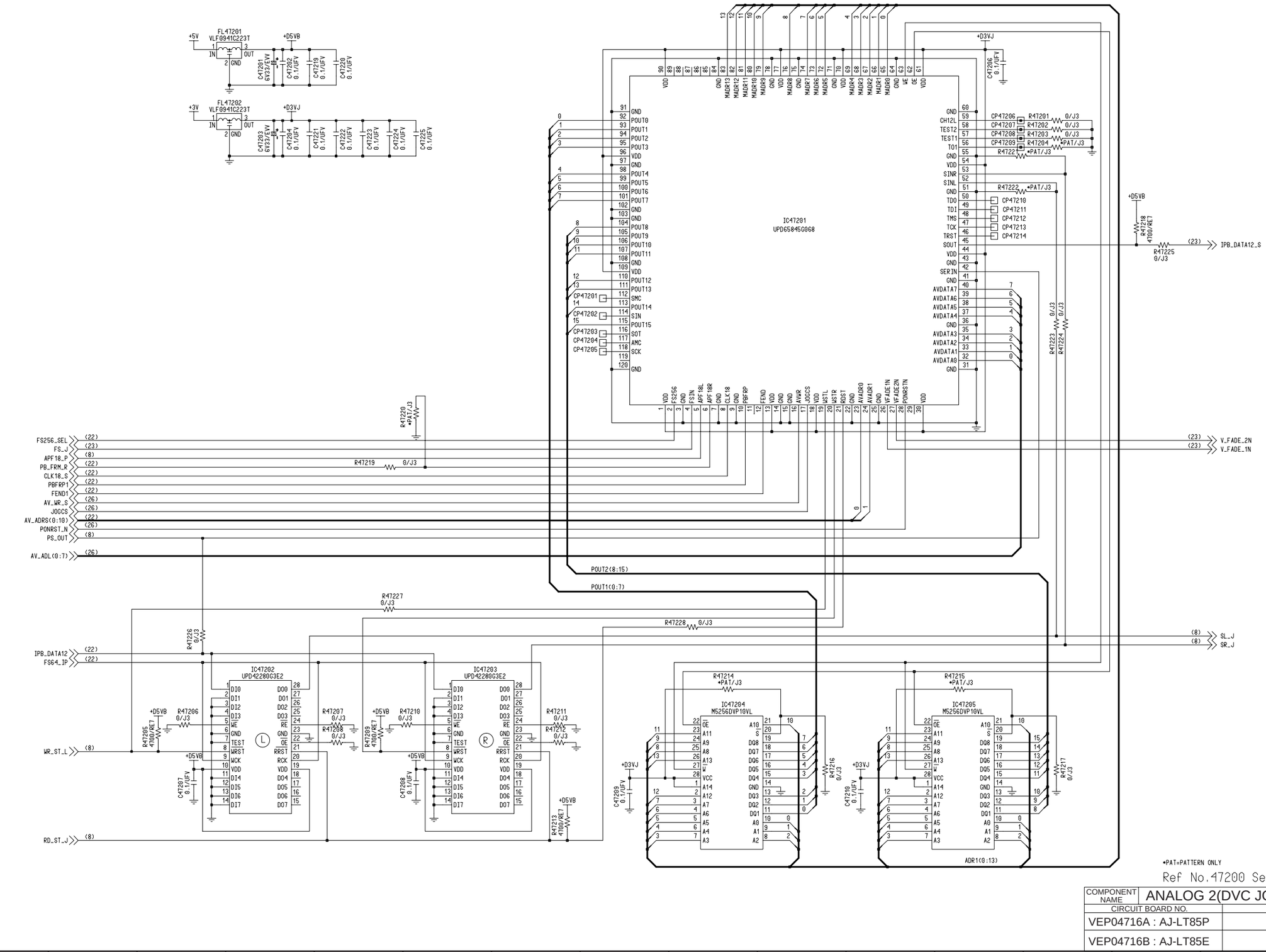
Ref No.47000 Series.

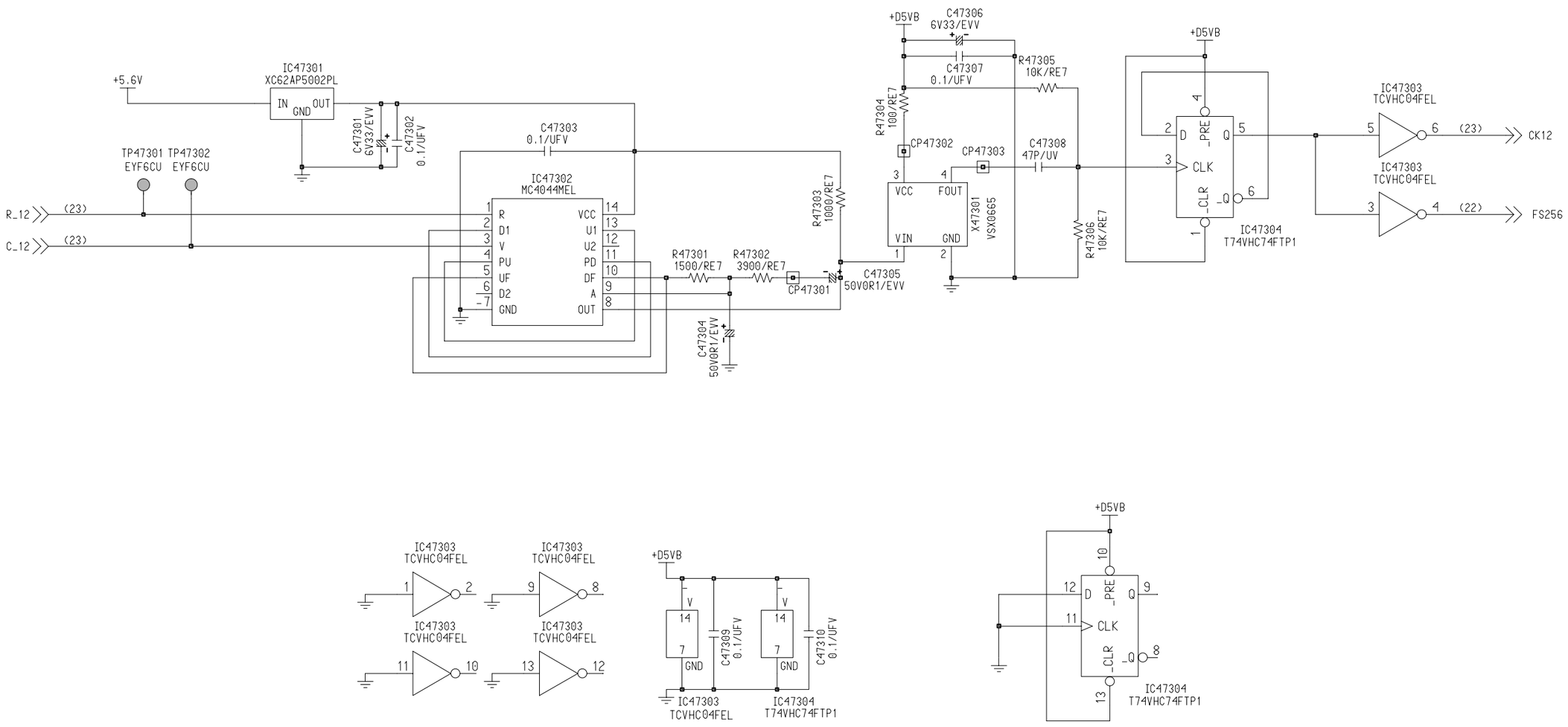
COMPONENT NAME	ANALOG 2(DVC IOB V2)	22/27
CIRCUIT BOARD NO.	MODEL NO.	
VEP04716A : AJ-LT85P	AJ-LT85	
VEP04716B : AJ-LT85E	SCM127	



COMPONENT NAME	ANALOG 2(DVC CNT V2)	23/27
CIRCUIT BOARD NO.	MODEL NO.	
VEP04716A : AJ-LT85P	AJ-LT85	
VEP04716B : AJ-LT85E	SCM128	

KR4H14(23/27)


FL47201
VLF0941C223T
+5V
+D5VB
C47201 6V33/EW
C47202 0.1/UFV
C47219 0.1/UFV
C47220 0.1/UFV
FL47202
VLF0941C223T
+3V
+D3VJ
C47203 6V33/EW
C47204 0.1/UFV
C47221 0.1/UFV
C47222 0.1/UFV
C47223 0.1/UFV
C47224 0.1/UFV
C47225 0.1/UFV
IC47201
UPD65845G068
C47206 0.1/UFV
CP47206
CP47207
CP47208
CP47209
CP47210
CP47211
CP47212
CP47213
CP47214
R47201 0/J3
R47202 0/J3
R47203 0/J3
R47204 *PAT/J3
R47222 *PAT/J3
R47223 0/J3
R47224 0/J3
R47218 4700/RE7
R47225 0/J3
(23) IPB_DATA12_S
R47220 *PAT/J3
R47219 0/J3
FS256_SEL (22)
FS_J (23)
APF18_P (8)
PB_FRM_R (22)
CLK18_S (22)
PBFRP1 (22)
FEND1 (22)
AV_WR_S (26)
JOGCS (26)
AV_ADRS(0:10) (22)
PONRST_N (26)
PS_OUT (8)
AV_ADL(0:7) (26)
(23) V_FADE_2N
(23) V_FADE_1N
POUT2(8:15)
POUT1(0:7)
R47227 0/J3
R47228 0/J3
(8) SL_J
(8) SR_J
R47226 0/J3
IPB_DATA12 (22)
FS64_IP (22)
IC47202
UPD42280G3E2
IC47203
UPD42280G3E2
R47205 4700/RE7
R47206 0/J3
R47207 0/J3
R47208 0/J3
R47209 4700/RE7
R47210 0/J3
R47211 0/J3
R47212 0/J3
R47213 4700/RE7
C47207 0.1/UFV
C47208 0.1/UFV
WR_ST_L (8)
RD_ST_J (8)
IC47204
M5256DVP10VL
IC47205
M5256DVP10VL
R47214 *PAT/J3
R47215 *PAT/J3
R47216 0/J3
R47217 0/J3
C47209 0.1/UFV
C47210 0.1/UFV
ADR1(0:13)
*PAT=PATTERN ONLY
Ref No.47200 Series.
COMPONENT NAME ANALOG 2(DVC JOG V2) 24/27
CIRCUIT BOARD NO. MODEL NO.
VEP04716A : AJ-LT85P AJ-LT85
VEP04716B : AJ-LT85E SCM129
KR4H114(24/27)

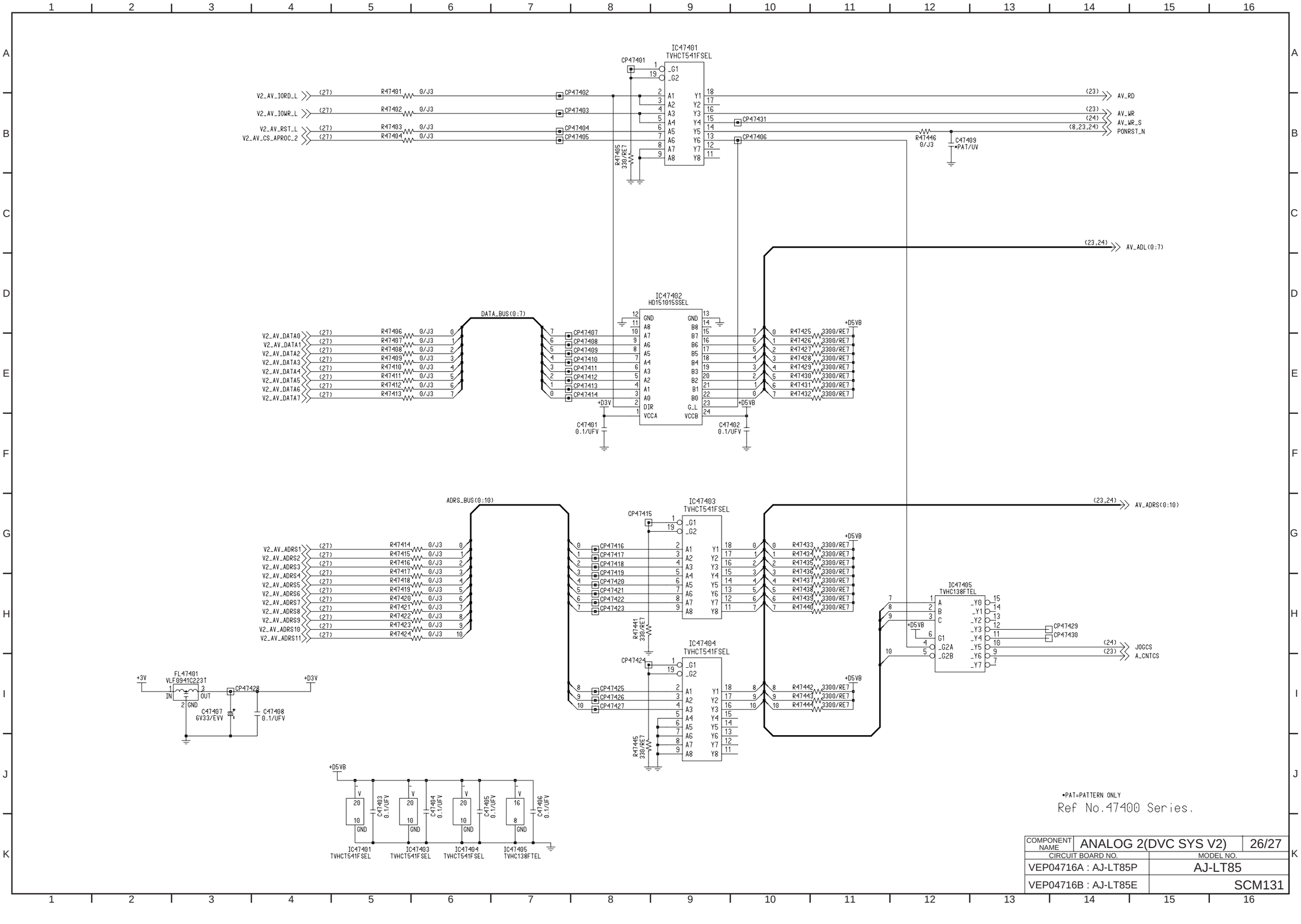


*PAT=PATTERN ONLY

Ref No.47300 Series.

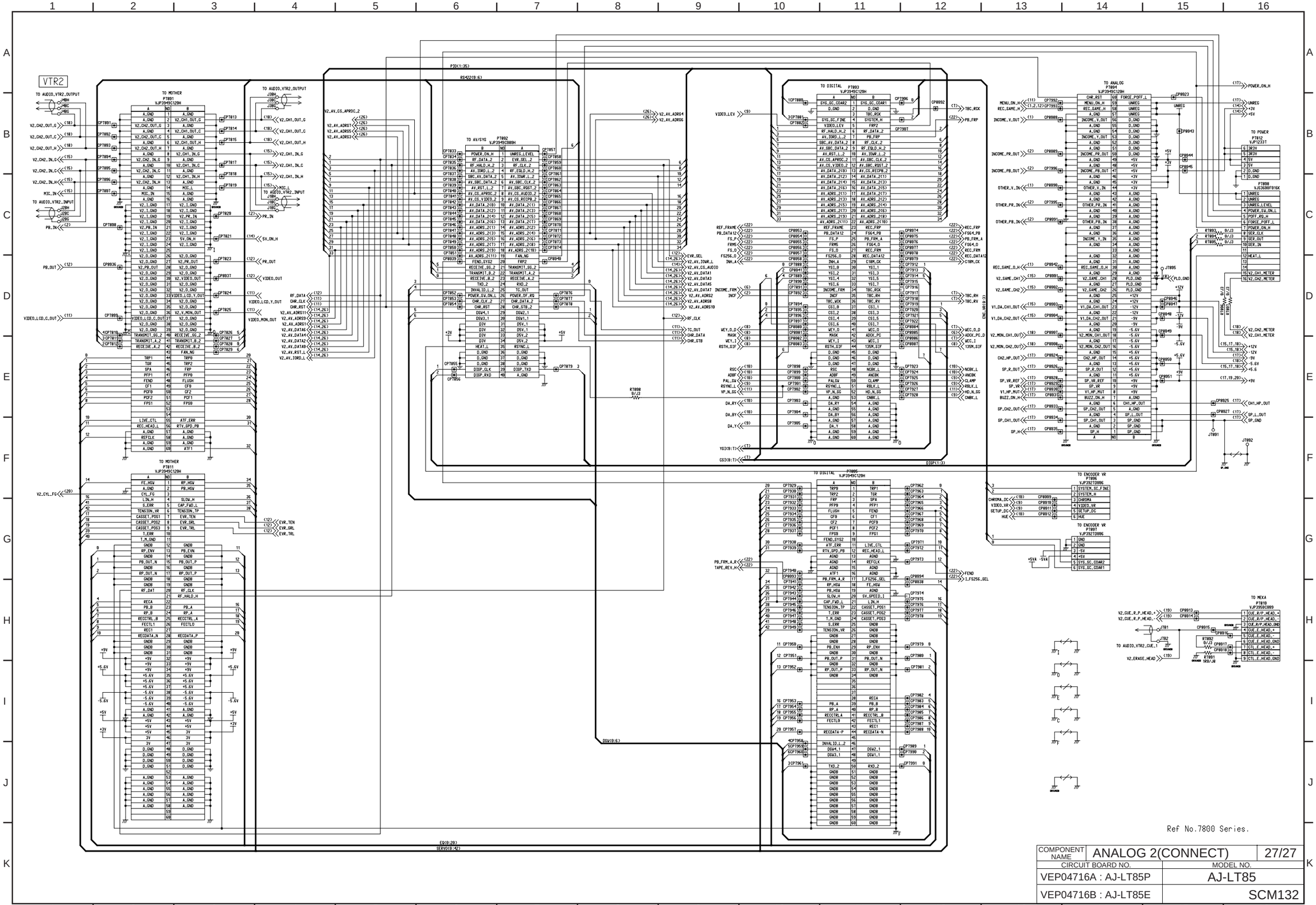
COMPONENT NAME	ANALOG 2(DVC PLL V2)	25/27
CIRCUIT BOARD NO.	MODEL NO.	
VEP04716A : AJ-LT85P	AJ-LT85	
VEP04716B : AJ-LT85E	SCM130	

KR4H14(25/27)



KR4H114(26/27)

COMPONENT NAME	ANALOG 2(DVC SYS V2)	26/27
CIRCUIT BOARD NO.	MODEL NO.	
VEP04716A : AJ-LT85P	AJ-LT85	
VEP04716B : AJ-LT85E	SCM131	


VTR2
TO AUDIO_VTR2_OUTPUT
TO AUDIO_VTR2_INPUT
TO MOTHER P7801 VJP3949C129H
TO MOTHER P7811 VJP3949C129H
TO AV/SYS P7802 VJP3949C089H
TO DIGITAL P7803 VJP3949C129H
TO DIGITAL P7805 VJP3949C129H
TO ANALOG P7804 VJP3949C129H
TO ENCODER VR P7806 VJP3927D096
TO ENCODER VR P7807 VJP3927D096
TO MEKA P7810 VJP3950C099
TO POWER P7812 VJ6360F1233T
P3D(1:35)
RS422(9:6)
DISP(1:3)
DSV(0:6)
EQ(0:20)
SERVO(0:42)
KR4H114(27/27)
Ref No.7800 Series.
COMPONENT NAME ANALOG 2(CONNECT) 27/27
CIRCUIT BOARD NO. VEP04716A : AJ-LT85P VEP04716B : AJ-LT85E
MODEL NO. AJ-LT85 SCM132